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**DOCUMENT PROCESSING SHEET** 

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USAFETAC/DS-81/071

# DATA PROCESSING BRANCH USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

JOHNSTON ISLAND/PACIFIC IS | WBAN# 21603 N 16 44 W 169 31 ELEV 17 FT PJON | WMO# 91275

PARTS A-F

POR FROM HOURLY OBS: APR 45-JUN 72 POR FROM DAILY OBS: APR 45-JUN 72

JUN 07 1973

FEDERAL BUILDING ASHEVILLE, N. C.

DISTRIBUTION STATEMENT A

Approved for public release; Distribution Unlimited

869-4820

#### Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

This technical report has been reviewed and is approved for publication.

Wayne E. M. Collom WAYNE E MCCOLLOM, Chief

Technical Information Section

USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN

AWS Scientific and technical

Information Officer (STINFO)

ADE 850 081

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| Revised Uniform Summary of Surface W<br>Observations (RUSSWO)-  | eather  | Final rept.   |
| JOHNSTON ISLAND, PACIFIC ISLAND   |   | 6 PERFORMING ORG REPORT NUMBER  |
| 7 HUTHORES  |   | B. CONTRACT OR GRANT NUMBER 17  |
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| *RISSWO Caily temperatu<br>Snowfall Extreme snow de<br>Climatology Sea-level press<br>Surface Winds Extreme tempera<br>Relative Humidity *Climatological  | pth Extr<br>ure Psyc<br>ture Ceil   | spheric pressure eme surface winds hrometeric summary ing versus visibility (over)  |
| This report is a six-part statisitic JOHNSTON ISLAND, PACIFIC ISLAND It contains the following parts: (A) (B) Precipitation, Snowfall and Snow (C) Surface winds; (D) Ceiling versu Summaries (daily maximum and minimum temperatures, psychrometric summary dry-bulb temperature, means and stan | Weather Condit<br>Depth (daily a<br>s Visibi`ity; S<br>temperatures,<br>of wet-bulb tem | ions; Atmospheric Phenomena;<br>mounts and extreme values);<br>ky Cover; (E) Psychrometric<br>extreme maximum and minimum<br>perature depression versus |

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- 19. Percentage frenquency of distribution tables
  Dry-bulb temperature versus wet-bulb temperature
  Cumulative percentage frequency of distribution tables
  - \*JOHNSTON ISLAND

\*PACIFIC ISLAND

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

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DATA PROCESSING DIVISION ULAFETAC OL-1
AIR WEATHER SERVICE (MAC)

# REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

#### HOURLY OBSERVATIONS

Eourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

#### DAILY OBSERVATIONS

Taily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

#### **DESCRIPTION OF SUMMARIES**

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

#### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

#### MISSING HOUR GROUPS

Surmary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the svailable period of record. Such missing sheets are listed below, and are applicable to all surmaries prepared from hourly observations.

| JAHUERY . | APRIL | JULY      | OCTOBER  |
|-----------|-------|-----------|----------|
| FEERVARY  | YAY   | AUGUST    | NOVEMBER |
| MARCE     | JUNE  | SDEWS/COX | DECEMBER |

| .,                         | 673   | COMOTER COLADA FACIFIC  | 16   |   | 16 44  | W 169_ 31  | 17   | FJCN                                    | 1 40   | 275  |
|----------------------------|---|---|--|---|--|--|--|---|--|--|
|                            | <u> </u>  | STATION LOCATI  |  |   |  |  |  |   |  | <i>21</i> .  |
| PREK<br>SE<br>AT ON        |   | GE TRAPHICAL LOCATION & NAME  | OF<br>STATION                              | AT THIS L   | OCATION TO   | LATITUDE   | SOUTIDEOL  |   | AFT OF EAHOMETER   | CBS<br>PER<br>DAT  |
| 12345667889 01234          | Same Same Same Johnston Same Same Same Johnston   | Island/Flt C  | Same Same AFB Same Same Same WB AF WB Same | Ju' 45<br>23Nov 46<br>31 Dec47<br>31 Mar48<br>Jul 48<br>Jul 50<br>Mar 53<br>Nov 56<br>00ct 58<br>11 Mar62<br>07Nov 62<br>Jan 63<br>Jan 65 | 30 Kar48<br>Jun 48<br>Jun 50<br>Feb 53<br>Oct 56<br>190ct 58<br>10 Mar 6 | Same Same N 16 45 Same N 16 44 Same Same             | W 169 32 Same Same Same Same W 169 31 Same Same Same Same Same | Same Same Same Same Same Same Same Same | 20<br>12<br>Same<br>10<br>Same<br>11<br>Same<br>Same<br>Same<br>Same<br>Same<br>Same | 24<br>24<br>24<br>24<br>24<br>8<br>Dec618<br>4 ar62<br>24<br>24<br>24<br>8 |
| MSEP                       | DATE  | SURFACE WI  | ND EQUIPMENT                               | IN FORMATION  |  |  |  | <u> </u>                                |  | <u> </u>   |
| OF<br>FTION                | OF<br>CHANGE  | LOCATION  |  | TYPE OF<br>TRANSMITTI   | TYPE OF RECORDER   | HT ABOVE<br>GROUND                                   | REMARKS. ADDI  | TIONAL EQUIPMENT.                       | OR REASON FOR  | CHARGE   |
| 1<br>2<br>3<br>4<br>5<br>6 | Apr 45to Jun 48 Jul 48to Jun 50 Jul 50to Feb 53 Mar 53to Fet 55 Mar 55to Feb 56 Feb 56 Feb 57 | U.S.Navy weather station Located on top Weather AF Station. Same  Located on top of MATS Bldg at SW end. Located on top of OPS/ Station. Located on top of Base Bldg. | Station. Terminal                          | Same 1.AN/G 2.Sels Selsy  | Same MU-1 None yn ML144B   | N/A<br>N/A<br>N/A<br>25 Ft<br>25 Ft<br>40 Ft<br>Same |  |   |  |  |

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| MBLA       | DATE                 | SURFACE THIND EQUIPMENT INF      |                     | DEMANDE ARRITANAL COMMENT OF REAL ON POR PULLURE |                    |   |  |
|------------|----------------------|----------------------------------|---------------------|--|--------------------|---|--|
| OF<br>MICH | OF<br>CHARGE         | LOCATION                         | TYPE OF TRANSMITTER | TYPE OF RECORDER                                 | HT ABOVE<br>GROUND | REMARKS, ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE |  |
|            | har 57to<br>190ct 58 | Located on top of Weather Statio | n.came              | Same   | 29 Ft              |   |  |
| :          | 200ct 58<br>tokay361 | Located on the ground of field.  | 1.F420C<br>2.F102A  | None<br>None                                     | 21 Ft<br>22 Ft     |   |  |
| , [        | May461to             | Same                             | 142 Same            | 1&2 None   | 1&2 21 F           |   |  |
| ) [        | Mar1162<br>0Nov662   | hot available.USAF Test Period.  | N/A                 | N/A  | N/A                |   |  |
| .          | Nov762to<br>Jun 72   | Located on the ground of field.  | 1.F420C<br>2.F102A  | None<br>None                                     | 21 Ft<br>21 Ft     |   |  |
|            |                      |                                  |                     | <br> <br>  |                    |   |  |
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PATA PROCESSING DIVISION ETAC/USAF AIR WFATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

#### PART A

#### WEATHER CONDITIONS

This sureary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Sain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail . Occurrences of hail and small hail are included.

<u>Percentage of observations with precipitation</u> - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This Item if reported, is not shown in a separate category on this form but is included in the computation of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or a pre-of the phove obstructions to vision occurred. Since more than one type of obstruction may be reported in the come observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total an acreation with reduced visibility.

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#### **WEATHER CONDITIONS**

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# PERCENTAGE FREQUENCY OF DECERRENCE OF WEATHER COMBITTONS FROM FOURLY DRSERVATIONS

| MONTH         | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG   | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND: OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|---------------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-------|-------------------------|-----------------|-------------------------|------------------------------------|-----------------------|
| JI.           | ALL               | . •1.              | a g ∩                     |                                  |                         |      | 5.0                         |       | • 0                     |                 |                         | . • • •                            | 13160                 |
| Fig.          |                   |                    | 4 • 2                     |                                  |                         |      | 4 2                         |       | •1                      |                 |                         | 1                                  | 1512                  |
| , 6k          |                   | . • 2.             | 5.7                       |                                  |                         | •    | 5.7.                        | •1    | . • 5                   |                 | -                       | . •5,                              | ).46CG                |
| to be         |                   |                    | >,7                       |                                  |                         |      | 5.7.                        | • 1   | . 5                     |                 |                         | . •*                               | 13384                 |
| 4- <b>Y</b>   |                   | . • .              | 4 • 1                     |                                  |                         |      | 4,1                         | •1,   | •1                      |                 |                         |                                    | 14371                 |
| 1 .           |                   |                    | 7.7                       |                                  |                         |      | 2.7                         | • 9.  | 1 • 2                   |                 |                         | 1.2                                | 13692                 |
| JEL           |                   |                    | 2.05                      |                                  |                         |      |                             |       | • 0                     |                 |                         | . •r.                              | 14390                 |
| <b>*</b> *. • |                   | . • <b>"</b> .     | 1 , 4                     |                                  |                         |      | . 3,4.                      |       | •1                      |                 |                         | 1                                  | 1457)                 |
| SEM           |                   | , •1.              | 2 4                       |                                  |                         |      | 3,4                         |       | . 1                     |                 | ı                       | , •t,                              | 13675                 |
| act ,         |                   | , •a,              | 4.3                       |                                  |                         |      | 4,3                         | • ('. |                         |                 |                         | , •C,                              | 14122                 |
| , A . i.      |                   | , •0,              | 4.3                       |                                  |                         |      | 4,3                         |       |                         |                 |                         |                                    | 13210                 |
| Æ.            |                   |                    | 5 . 8                     |                                  |                         | :    | , " " B,                    | :     |                         |                 | ŧ                       | 1 1                                | 13585                 |
| TOTALS        |                   | . 1                | 4.3                       |                                  |                         |      | 4.3                         | •4    | . 2                     |                 |                         | . 7                                | 194371                |

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#### **WEATHER CONDITIONS**

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PERCECTAGE PREDUENCY OF DOCUMBENCE OF WEATHER CONDITIONS FROM HOUSEY DESERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| J.St.  | ∂0+02             |                    | 4 , 4                     |                                   |                         |      | 4 • 8,                      |     |                         |                 |                        | •                                  | 1636                   |
|        | 13 <b>-</b> 05    |                    | 5.5                       |                                   |                         |      | , b <sub>+</sub> 5,         |     |                         |                 |                        |                                    | 1637                   |
|        | - n-0P            | , i,               | S <u>.</u> 2              |                                   |                         |      | 5.3                         |     |                         |                 |                        |                                    | 164 :                  |
|        | 19-11             | •1,                | 5.5                       |                                   |                         |      | , N.5,                      |     |                         |                 |                        |                                    | 1642                   |
|        | 12-14             |                    | 5.3                       |                                   |                         |      | 5.1.                        |     | 1                       |                 |                        | . •1,                              | 1045                   |
|        | 15-17             | •1,                | 5.0                       |                                   |                         |      | 5.0                         |     |                         |                 |                        |                                    | 1645                   |
|        | :-20              | •1,                | 4,8                       |                                   |                         |      | 2 . R                       |     |                         |                 |                        |                                    | 1543                   |
|        | +1-23             |                    | 4 • 1                     |                                   |                         |      | 4.1                         |     |                         |                 |                        |                                    | 1645                   |
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#### **WEATHER CONDITIONS**

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| момтн  | HOURS<br>-LST, | THUNDER<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE BLOWIN<br>AND OR SNOW<br>HAZE SNOW |   | °, OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|----------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|--|---|-------------------------------------|-----------------------|
| t ( k  | 00-02          |                   | 4.7                       |                                  |                         |      | 4.7                        |     | . •1,                                    |   | .1                                  | 1512                  |
|        | 05-د،)         |                   | 4 - 5                     |                                  |                         |      | 4,5                        |     | •1                                       |   | . 41                                | 151%                  |
|        | 06-08          | •1                | 4.5                       |                                  |                         |      | 4.5                        |     |  |   |                                     | 1519                  |
|        | 9-11           |                   | 4.1                       |                                  |                         |      | 4.1                        |     | • 1                                      |   | •1,                                 | 1917                  |
|        | 12-14          |                   | 1,6                       |                                  |                         |      | 3,6                        |     |  |   |                                     | 1520                  |
|        | 15-17          | • 1,              | 3.7                       |                                  |                         |      | 3,7                        |     | •1                                       |   | . •1                                | 1517                  |
|        | 38-20          | • 1               | 3.7                       |                                  |                         |      | 3.9                        |     | •1                                       |   | . 1                                 | 1519                  |
|        | -1-43          | •1,               | 4 .                       |                                  |                         |      | 4.6                        |     | . •1.                                    |   | . •1,                               | 1513                  |
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**WEATHER CONDITIONS** 

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STATION NAME

/ a MONTH

PERFENTAGE PREQUENCY OF OCCURRENCE OF ACATHER CONDITIONS FOR HOURLY DRSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| 1 44   | 00-02             | ٠٤.                | 5.5                       |                                  |                         |      | 5.5                         |     | , 4                     |                 |                        | ٠ 4                                | 1700                  |
|        | 03-05             | <b>•</b> ′ .       | 5,6                       |                                  |                         |      | , 6,6,                      | •1, | •4,                     |                 |                        | • 4                                | 1702                  |
|        | 00-03             | • <del>2</del> ,   | A . 9                     |                                  |                         |      | 6.9                         | •1. | • 5                     |                 |                        |                                    | 1712                  |
|        | 09=11             |                    | 5 , 1                     |                                  |                         |      | 5,1                         | •1, | •6.                     |                 | -                      | . •                                | 170 <sub>e</sub>      |
|        | 12-14             | •1.                | > <b>,</b> 7              |                                  |                         |      | 5,7                         | •1, | • 4                     |                 |                        | . •4                               | 1704                  |
|        | 12-17             | •1,                | 4.9                       |                                  |                         |      | 4 + 8                       |     | • 5.                    |                 |                        | . • •                              | 1701                  |
|        | 15-40             | • •                | 5 <sub>e</sub> 3          |                                  |                         |      | >,3                         | •1. | . 5                     |                 |                        | . 6                                | 1699                  |
|        | /1-22             | •1,                | > <b>.</b> .)             |                                  |                         |      | , 6•0 <sub>,</sub>          |     | •5                      |                 |                        | . • • •                            | 1699                  |
|        |                   |                    |                           |                                  |                         |      |                             |     |                         |                 |                        |                                    |                       |
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|        | : :               |                    |                           |                                  | ,                       |      | 1 .                         | ;   | ;                       | ,               |                        | Ť .                                |                       |
| TOTALS |                   | • 2                | 5,7                       |                                  |                         |      | 5,7                         | • 1 | , 5                     |                 |                        |                                    | 13606                 |

USAF ETAC  $^{\text{FORM}}_{\text{JULY 64}}$  0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

#### **WEATHER CONDITIONS**

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STATION AND THE TELEPOON NAME

YEARS

MUNTH HINOM

MARCH STAGE PREQUENCY OF OCCURRENCE OF WEATHER CHINDITIONS FROM FOURLY URSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG   | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND: OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-------|-------------------------|-----------------|-------------------------|------------------------------------|------------------------|
| ATE    | _0 <b>0-0</b> 2   |                    | 4,4                       |                                  |                         |      | 6,4,                        | • •   | , 5                     |                 |                         | •6                                 | 1735                   |
|        | 03-05             |                    | 0.9                       |                                  |                         |      | . 9                         | • 2   | •5                      |                 |                         | , 7,                               | 173/                   |
|        | (6-04             | • Z ,              | 5 و د                     |                                  |                         |      | 5,5                         | • à . | •6                      |                 |                         | 7                                  | 1730                   |
|        | 19-11             | •1                 | 4,3                       | . ,                              |                         |      | 4.3                         | •1    | . 5                     |                 |                         | • *                                | 1738                   |
|        | , 2-14            | , 5                | 5 , 2                     |                                  |                         |      | 5.2                         | • 2   | .7                      |                 |                         | , 9,                               | 1735                   |
|        | 19-17             | • i                | 5.6                       |                                  |                         |      | 5,6                         | •1    | , 5                     |                 | •                       | . 6                                | 1737                   |
|        | 1-,-27            | •1                 | 5.0                       |                                  |                         |      | 5.9                         | •1    | •5                      |                 |                         | . 6                                | 1737                   |
|        | 71-23             | .2.                | 5.4                       |                                  |                         |      | . 5,4.                      |       | . 3                     |                 |                         | . • 3.                             | 1734                   |
|        |                   |                    |                           |                                  |                         |      |                             |       |                         |                 |                         |                                    |                        |
|        |                   |                    |                           |                                  |                         |      |                             |       |                         |                 |                         |                                    |                        |
|        |                   |                    |                           |                                  | •                       |      |                             |       |                         |                 |                         |                                    |                        |
|        | : :               |                    |                           |                                  |                         |      | 1 .                         | 1     |                         | ,               | :                       |                                    |                        |
| TOTALS |                   | . 1                | 5,7                       |                                  |                         |      | 5.7                         | • 1   | . 5                     |                 |                         | .6                                 | 13884                  |

USAF ETAC  $^{FORM}_{JULY~64}$  0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### **WEATHER CONDITIONS**

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45-72

**↑∀** MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURL / OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG  | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | 1CTAL<br>NO OF<br>OBS |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|------|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
|        | 00-02             |                    | 4 • ₹                     |                                  |                         |      | 4,8                         | •1.  |                         |                 |                        |                                    | 1797                  |
|        | 03-05             | . •1,              | 5.2                       |                                  |                         |      | 5,2                         | • 3. |                         |                 |                        | • 4,                               | 1797                  |
|        | 96-08             | •1,                | 3 , 8                     |                                  |                         |      | 3.8                         |      | • 1                     |                 |                        | •1,                                | 1796                  |
| <br>   | 09-11             |                    | 3.3                       |                                  |                         |      | 3.3                         |      | • 2                     |                 |                        | • 7                                | 1794                  |
|        | 12-14             |                    | 4,1                       |                                  |                         |      | 4.1                         |      | • 1                     |                 |                        | • 1                                | 1796                  |
|        | 15~17             |                    | 4,5                       |                                  |                         |      | 4,3                         |      |                         |                 |                        |                                    | 1790                  |
|        | 1==20             | •1,                | 3.6                       |                                  |                         | -    | 3,6                         |      | • 1                     |                 |                        | •1,                                | 1797                  |
| <br>   | 21-21             |                    | 3.5                       |                                  |                         |      | 3.5                         |      |                         |                 |                        |                                    | 1 <b>79</b> c         |
|        |                   |                    |                           |                                  |                         |      |                             |      |                         |                 |                        |                                    |                       |
|        |                   |                    |                           |                                  |                         |      |                             |      |                         |                 |                        |                                    |                       |
|        |                   |                    |                           |                                  |                         |      |                             |      |                         |                 |                        |                                    |                       |
|        | *                 |                    |                           | T 1                              |                         | ·    | 1                           | ,    |                         | •               | :                      |                                    |                       |
| TOTALS |                   | , ,                | 4.1                       |                                  |                         |      | 4.1                         | • 1  | .1                      |                 |                        | . 1                                | 14371                 |

USAF ETAC  $^{-600M}_{\rm JDLY-64}$  0-10.5 (OL-1), previous editions of this form are obsolete

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#### **WEATHER CONDITIONS**

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45-72

YEARS

317.4 MONIH

#### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR BLOWING<br>HAZE SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | NO OF<br>OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|--------------------------------------|------------------------|------------------------------------|--------------|
| J 14,5 | 00-02             |                    | 3.9                       |                                   |                         |      | 3,9                         |     | 1.4                                  |                        | 1.4                                | 1712         |
|        | 03-05             |                    | 3,3                       |                                   |                         |      | 3,3                         | •1, | 1.3                                  |                        | 1.4                                | 1712         |
|        | °6=08             |                    | 3,7                       |                                   |                         | ,    | 3.7.                        |     | 1.1                                  |                        | 1.1                                | 1711         |
|        | 09-11             |                    | 2.0                       |                                   | _                       |      | 2.0                         |     | •7.                                  |                        | . •7.                              | 1716         |
|        | 12-14             |                    | 2.0                       |                                   |                         |      | 2.0                         |     | 1.0                                  |                        | 1.0                                | 171ι         |
|        | 15-17             |                    | 2.7                       |                                   |                         |      | 2,7                         | = . | 1.2                                  |                        | 1.2                                | 1712         |
|        | 13 <b>-2</b> 0    |                    | 1.9                       |                                   |                         | •    | 1.9                         |     | 1,4                                  |                        | 1.4                                | 1713         |
|        | 21-23             |                    | 2.4                       |                                   |                         |      | . 2,4                       |     | 1.4                                  |                        | 1.4                                | 1711         |
|        | •                 |                    |                           |                                   |                         |      |                             |     |                                      |                        |                                    |              |
|        |                   |                    |                           |                                   |                         |      |                             |     |                                      |                        | ,                                  |              |
|        |                   |                    |                           |                                   |                         |      |                             |     |                                      |                        |                                    |              |
|        | : :               | : 2                |                           | r                                 | ,                       | •    | ; ŧ                         | •   | 1                                    | 2                      | : :                                |              |
| TOTALS |                   |                    | 2.7                       |                                   |                         |      | 2.7                         | • ၁ | 1.2                                  |                        | 1.2                                | 13692        |

USAF ETAC  $_{
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m FORM}$  0-10-5 (OL-1), previous editions of this form are obsolete

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#### **WEATHER CONDITIONS**

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YEARS

MONTH

#### PERCENTAGE PREQUENCY OF UCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DESERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | NO OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|---------------|
| JUL    | 00-02             |                    | 2.9                       |                                   |                         |      | 2,9                        |     | . •1                    | ,               |                        | 1                                  | 1797          |
|        | 03-05             |                    | 3.1                       |                                   |                         |      | 3.1                        |     |                         |                 |                        |                                    | 1603          |
|        | 06-03             |                    | 3,4                       | . ,                               |                         |      | 3,4                        |     |                         |                 |                        | •                                  | 1:101         |
|        | 09-11             |                    | 3,1                       |                                   |                         |      | 3,1                        |     |                         |                 |                        |                                    | 1799          |
|        | 12-14             |                    | 2,5                       |                                   |                         | ,    | 2.5                        |     |                         |                 |                        |                                    | 1799          |
|        | 15-17             |                    | 2.4                       |                                   |                         |      | 2,4                        |     |                         |                 |                        |                                    | 1799          |
|        | 10=20             |                    | 2.5                       |                                   |                         |      | 2 . 5                      |     | 1                       |                 |                        | . •t,                              | 1799          |
|        | £1 <b>-23</b>     | . 1                | 3.0                       |                                   |                         |      | 3,0                        |     | . •1                    |                 |                        | . •1.                              | 179           |
|        | , .               |                    |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |               |
|        |                   |                    |                           |                                   |                         |      |                            |     |                         |                 |                        |                                    |               |
|        |                   |                    |                           |                                   | -                       |      |                            |     |                         |                 |                        |                                    |               |
| 101ALS | : :               | ı                  |                           | : 1                               | -                       |      | : :                        |     |                         |                 |                        | f :                                |               |
| IUIALS |                   | • 17               | 2.9                       |                                   |                         |      | 2.9                        |     | • 0                     |                 |                        | • 0                                | 14370         |

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#### **WEATHER CONDITIONS**

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# PERCENTAGE PREGUENCY OF DCC: RRENCE OF WEATHER CONDITIONS FROM HOURLY DRSERVATIONS

| MONTH  | HOURS<br>(L S.T.) | THUNDER-<br>STORMS | RAIN<br>AND: OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS. |
|--------|-------------------|--------------------|----------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| %) fr  | 00-02             |                    | 4,7                        |                                  |                         |      | 4.7                         |     |                         | ·               |                        |                                    | 1815                   |
|        | 03-05             |                    | 4,0                        |                                  |                         |      | 4,0                         |     | •                       |                 |                        |                                    | 1615                   |
|        | 06-08             |                    | 4.0                        | , .                              |                         |      | 4.0                         |     | •1                      |                 |                        | 1,                                 | 1815                   |
|        |                   |                    | 2,4                        |                                  |                         |      | 2.4                         |     |                         |                 |                        | 1,                                 | 1815                   |
|        | 12-14             |                    | 9 4                        |                                  |                         |      | 3.4                         |     | •1                      |                 |                        | . 1                                | 1820                   |
|        | 15-17             |                    | 3.2                        |                                  |                         |      | 3,2                         |     | 1                       |                 |                        | •1                                 | 1820                   |
|        | 18-20             |                    | 3.0                        |                                  |                         |      | 3.0                         |     |                         |                 |                        |                                    | 1819                   |
|        | 21-23             | . 1                | 2.5                        |                                  |                         | •    | . 2,5                       |     |                         |                 | • -                    |                                    | 1520                   |
|        |                   |                    |                            |                                  |                         |      |                             |     | •                       |                 |                        |                                    |                        |
|        |                   |                    |                            |                                  |                         |      |                             |     | • •                     | •               |                        |                                    |                        |
|        |                   |                    |                            |                                  |                         |      |                             |     |                         |                 |                        |                                    |                        |
|        | ī :               | :                  | i                          | : :                              |                         | •    | :                           |     |                         |                 | :                      |                                    |                        |
| TOTALS |                   | • 0                | 3.4                        |                                  |                         |      | 3.4                         |     | • 1                     |                 |                        | • 1                                | 14537                  |

USAF ETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### **WEATHER CONDITIONS**

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# PERCENTAGE FREQUENCY OF DECURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| 956    | 00-02             |                    | 3,6                       |                                   |                         |      | 3,6                         |     |                         |                 |                        |                                    | 171^                   |
|        | 03-05             | •1.                | 3,5                       |                                   |                         |      | 1,5                         |     |                         |                 |                        |                                    | 1707                   |
|        | 06-08             | •1.                | 3 • 7                     |                                   |                         |      | 3,7                         |     |                         |                 |                        |                                    | 1700                   |
|        | 09-11             | •1.                | 2,9                       | . ,                               |                         |      | 2,9                         |     | •1                      |                 |                        | •1,                                | 1710                   |
|        | 12-14             | -                  | 2,9                       |                                   |                         |      | 2 • 9                       |     | , •1,                   |                 |                        | •1                                 | 1709                   |
|        | 15-17             |                    | 2,9                       |                                   |                         |      | 2,9                         |     | . •1                    |                 |                        | . 1                                | 1703                   |
|        | 10-20             | •1,                | <b>5 •</b> 3              |                                   |                         |      | 2.9                         |     | . •1.                   |                 |                        | 1                                  | 1714                   |
|        | 61-23             |                    | 3 , 4                     |                                   |                         |      | 3,4.                        |     |                         | ,               |                        |                                    | 1709                   |
|        | ,                 |                    |                           |                                   |                         |      |                             |     |                         |                 |                        |                                    |                        |
|        |                   |                    |                           |                                   | ,                       |      |                             |     |                         |                 |                        |                                    |                        |
|        |                   |                    |                           |                                   |                         |      |                             |     |                         |                 |                        |                                    |                        |
|        | : :               | :                  |                           | : .                               | ,                       |      |                             |     |                         | :               |                        | ÷ :                                |                        |
| TOTALS |                   | • 1                | 3.4                       |                                   |                         |      | 3,4                         |     | • 1                     |                 |                        | • 1                                | 13675                  |

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#### **WEATHER CONDITIONS**

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L. (. T MONTH

PERCENTAGE PREQUENCY OF DCCURRENCE OF WEATHER CONDITIONS FROM HOURLY DRSERVATIONS

| момтн  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO OF<br>OBS |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-----------------------|
| 1.01   | 00-02             |                    | 4.5                       |                                   |                         |      | 4.6                         | •1, |                         |                 |                        | . 1                                | 1767                  |
|        | 03-05             | •1                 | 6 <b>, 2</b>              |                                   |                         |      | 6.2                         |     |                         |                 |                        |                                    | 1767                  |
|        | (16-04            |                    | 3,7                       |                                   |                         |      | 3.7                         |     |                         |                 |                        | ,                                  | 1762                  |
|        | 19-11             |                    | 3.7                       |                                   | i                       |      | 3 • 7                       |     |                         |                 | -                      |                                    | 176 a                 |
|        | 12-14             |                    | 3,2                       |                                   |                         |      | 3.2                         | •1  |                         |                 | -                      | . •1                               | 1767                  |
|        | 15-17             |                    | 3,3                       |                                   | •                       |      | 3.3                         |     |                         |                 |                        |                                    | 1765                  |
|        | 10-20             | . 1                | 4.2                       |                                   |                         |      | 4 • 2                       |     |                         |                 |                        |                                    | 1766                  |
|        | 71-23             | • 1                | 5.1                       |                                   |                         |      | 5.1                         |     |                         |                 |                        |                                    | 175)                  |
|        |                   |                    |                           |                                   |                         |      |                             |     |                         |                 |                        |                                    |                       |
|        |                   |                    |                           |                                   | -                       |      |                             |     |                         |                 |                        |                                    |                       |
|        |                   |                    |                           |                                   |                         |      |                             |     |                         |                 |                        |                                    |                       |
|        |                   |                    |                           | : : :                             | :                       | :    | f :                         |     |                         |                 | :                      | : 1                                |                       |
| TOTALS |                   | ٠,                 | 4.3                       |                                   |                         |      | 4,3                         | • 0 |                         |                 |                        | • 0                                | 14122                 |

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#### **WEATHER CONDITIONS**

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YEARS

MONTH

# PERCENTAGE PREQUENCY OF OCCURRENCE OF REATHER COUNDITIONS FROM HOURLY DRSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND/OR<br>DRIZZLE | FREEZING<br>RAIN & /OR<br>DRIZZLE | SNOW<br>AND/OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP. | FOG | SMOKE<br>AND/OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND/OR<br>SAND | % OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|-----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| , v    | 00-02             | • 1                | 4,5                       |                                   |                         | •    | 4,5                         |     |                         | -               |                        |                                    | 1651                    |
|        | ∪3 <b>+0</b> 5    |                    | 4,7                       |                                   |                         |      | . 4,7                       |     |                         |                 |                        |                                    | 1651                    |
|        | 06-0A             | •1                 | 4.7                       |                                   |                         |      | 4,7                         |     |                         |                 |                        |                                    | 165                     |
|        | 09-11             |                    | 3,9                       |                                   |                         |      | 3,9                         |     |                         | •               |                        |                                    | 165                     |
|        | 12-14             |                    | 4.1                       |                                   |                         |      | 4.1                         |     |                         |                 |                        |                                    | 165                     |
|        | 15-17             |                    | 3,9                       |                                   |                         | ·    | 3,9                         |     |                         | •               |                        | ,                                  | 165]                    |
|        | 16-20             | , 1,               | 4 4                       |                                   |                         |      | . 4,4                       |     | •                       | •               | ·                      | , ,                                | 165                     |
|        | /1-23             |                    | 4 , 1                     |                                   |                         |      | 4.1.                        |     |                         |                 |                        |                                    | 165                     |
|        |                   | . ,                |                           |                                   |                         |      |                             |     |                         |                 |                        |                                    |                         |
|        |                   |                    |                           |                                   |                         |      |                             |     | •                       |                 |                        |                                    |                         |
|        |                   |                    |                           |                                   |                         |      | . ,                         |     |                         |                 |                        |                                    |                         |
|        | : :               | : .                |                           |                                   |                         |      | ;                           |     | ;                       | :               | :                      |                                    |                         |
| TOTALS |                   | • ^                | 4.3                       |                                   |                         |      | 4,3                         |     |                         |                 |                        |                                    | 1321:                   |

USAF ETAC  $\frac{\text{FORM}}{\text{JULY 64}}$  0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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#### **WEATHER CONDITIONS**

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FIRE TIGE PREQUENCY OF OCCURPENCE OF WEATHER CONDITIONS FROM EDURLY DRSERVATIONS

| MONTH  | HOURS<br>-EST: | THUNDER<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | % OF<br>OBS WITH<br>PRECIP | FOG | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | ° OF OBS<br>WITH OBST<br>TO VISION | TOTAL<br>NO. OF<br>OBS |
|--------|----------------|-------------------|---------------------------|----------------------------------|-------------------------|------|----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|------------------------|
| ⇒ c    | 00-02          |                   | 4.0                       |                                  |                         |      | n.n.                       |     |                         |                 |                        |                                    | 1699                   |
|        | 03-05          | • 2.              | 7.4                       |                                  |                         |      | 7,4                        |     |                         |                 |                        |                                    | 169.                   |
|        | 06-09          | •1,               | 5.2                       |                                  |                         |      | 6.2                        |     |                         |                 |                        |                                    | 169                    |
|        | 29-11          | •2,               | 5.3                       |                                  |                         |      | 5.8                        |     |                         |                 |                        |                                    | tos                    |
|        | 1 - 14         | .1,               | 5.7                       |                                  |                         |      | 5.7                        |     |                         |                 |                        |                                    | 169                    |
|        | 13=17          | •1                | 4.9                       |                                  |                         |      | 4 • 9                      |     |                         |                 |                        |                                    | 159                    |
|        | 3-20           | • 1               | 5.0                       |                                  |                         |      | 5.0                        |     |                         |                 |                        | , .                                | 169                    |
|        | 71-43          | • 4.              | 5.7                       |                                  |                         |      | 5.7                        |     |                         |                 |                        |                                    | 169                    |
| -      |                |                   |                           |                                  |                         |      |                            |     |                         | -               |                        |                                    |                        |
|        |                |                   |                           |                                  |                         |      |                            |     |                         |                 |                        |                                    |                        |
|        |                |                   |                           |                                  |                         |      |                            |     | ,                       |                 | •                      |                                    |                        |
| TOTALS | :              |                   | 5.5                       |                                  |                         |      | 5 <sub>.</sub> 8           |     | r                       | :               | -                      | :                                  | 13585                  |

USAF ETAC  $^{-\text{FORM}}_{\text{JULY }64}$  0-10-5  $^{(\text{OL-1})}_{\text{L}}$  previous editions of this form are obsolete

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#### PART A

#### ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949.

Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

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LL MONTH

STATIONNAME STATION STATION NAME YEARS

ENCE TAUR OF MAYS WITH MARINUS ATRUSPHENIC PHONE FOR EATLY MUSERVATIONS

| MONTH  | HOURS<br>(L.S.T.) | THUNDER-<br>STORMS | RAIN<br>AND OR<br>DRIZZLE | FREEZING<br>RAIN & OR<br>DRIZZLE | SNOW<br>AND OR<br>SLEET | HAIL | G OF<br>OBS WITH<br>PRECIP. | FOG   | SMOKE<br>AND OR<br>HAZE | BLOWING<br>SNOW | DUST<br>AND OR<br>SAND | OF OBS | TOTAL<br>NG. OF<br>OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-------|-------------------------|-----------------|------------------------|--------|-------------------------|
| .4     | D. IFA            | 1,7                | ol.                       |                                  |                         |      | ۵1 <b>.</b> 0               | . 1   | • 1                     |                 |                        |        | 175                     |
|        |                   | 1.                 | 52.1                      |                                  |                         |      | 03.1                        |       | . 3                     |                 |                        |        | 7 , 3                   |
|        |                   | 1.7                | სი. ¹                     |                                  |                         |      | 66.8                        | • 6   | . 5                     |                 |                        |        | 771                     |
|        |                   | 1,2                | 61,3                      |                                  |                         |      | 65.5                        | 1.4   | 1.4                     |                 |                        | • 1    | 779                     |
| ,      |                   | . ?                | 65.3                      |                                  |                         |      | 65.0                        |       | , 4                     |                 |                        | . ~    | p ( 5                   |
|        |                   |                    | 31.0                      |                                  |                         |      | 55.0                        | • 1   | 1.6                     |                 |                        | 1.7    | 709                     |
|        |                   | , 3                | 7:4                       |                                  |                         | L    | 70.8                        | . • 1 | .3                      |                 |                        | . 4    | 775                     |
|        |                   | ,                  | -7.2                      |                                  |                         |      | 67.0                        | • 1   | . 3                     |                 |                        | . 4    | 775                     |
| \$ ·   |                   | • **               | 71.1                      |                                  |                         |      | 71.2                        | • 1   | • 1                     |                 |                        | _ • 1  | 750                     |
| ί, Τ   |                   | . 3                | 74,9                      |                                  |                         |      | 74.5                        | . 7   |                         |                 |                        | . 7    | ۹ ن ۱                   |
| 13.6   |                   | 1.5                | 75,3                      |                                  |                         |      | 75.2                        |       |                         |                 |                        |        | 7,1                     |
| , (    |                   | 1.5                | 74.8                      |                                  |                         |      | 75.6                        |       |                         |                 |                        |        | 782                     |
| TOTALS |                   | . 9                | 98.5                      |                                  |                         |      | 68.9                        | • 3   | . 4                     |                 |                        | . 7    | 9243                    |

1210 WS FORM 0.10.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JULY 64

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DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

#### PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION
SNOWFALL\*

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

- 1. The first table for each of the above presents the <u>percentage frequency of various daily amounts</u>, by month and annual, all years combined. The <u>percentage of days with measurable amounts is also computed monthly and annually.</u> Also shown for the <u>precipitation and snowfall tables</u>, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
- 2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations From beginning of record thru 1945 Snow depth at 0800 LST

Jan 46-May 57 Snow depth at 1230 GCT

Jun 57-present Snow depth at 1200 GCT

U. S. Navy and Weather From beginning of record thru Jun 52 Snow depth at 0030 GCT Snow depth at 1230 GCT Snow depth at 1230 GCT Snow depth at 1200 GCT

\* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

MATA PROGRESSING KANCO SAF ETA CONTENTORY C

#### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

|               |         |          |                |               |         | AM    | OUNTS (II    | CHES         |                   |             |            |             |            | PERCENT |                     | MON           | HLY AMO   | UNTS                |
|---------------|---------|----------|----------------|---------------|---------|-------|--------------|--------------|-------------------|-------------|------------|-------------|------------|---------|---------------------|---------------|-----------|---------------------|
| PRECIP        | NONE    | TRACE    | 01 1           | .02- 05       | 06-10   | ,1125 | 26- 50       | .51-1 00     | 1.01-2.50         | 2 51 - 5 00 | 5 01-10-00 | 10.01-20.00 | OVER 20 00 |         | NO.                 |               | (INCHES)  |                     |
| SNOWFALL      | NONE    | TRACE    | 01-04          | 0.5.1.4       | 1.5-2.4 | 2534  | 3 5 4 4      | 4 5 6 4      | 6 5-10.4          | 10 5-15.4   | 15 5 25 4  | 25 5-50.4   | OVER 50.4  | MEASUR- | OF<br>OBS.          | MEAN          | GREATEST  | LEAST               |
| SNOW<br>DEPTH | NONE    | TRACE    | 1              | 2             | 3       | 4.6   | 7.12         | 13.24        | 25.36             | 37 - 48     | 49-60      | 61-120      | OVER 120   | AMTS    | i                   |               |           |                     |
| JAN           | 1       | 100      | ٠,٠            | 11.9          | 5,5     | 5.4   | 2.4          | 3.4          | 1 • 2             | • 5         | • 2        |             |            | 34.2    | : 37                | 2.5u          | 17.93     | .23                 |
| FEB           |         | 1 4      | U . ()         | 4 . 7         | 4 • 1   | 7.3   | 2.4          | 1 • 3        | ) • 4             | • 1         |            |             |            | 36,0    | 746                 | 1.14          | 14        | • 200               |
| MAR           | 3 ; .   | 1        | 2.6            | 17.4          | 7 , 4   | 6.7   | <b>2.0</b> 0 | 2 <b>.</b> " | ). • <sup>©</sup> | . 4         |            |             |            |         | : U.S               | 1.52          | 1 c . 3 8 | .30                 |
| APR           | *) • •  | ( 3° • 4 | 7.0            | j 3 • =       | 7.4     | 2.1   | 3.3          | 1.2          | 1 • • •           | , 4         |            | !           | 1          | 41.7    | : 1                 | 2.40          | 29        | • 3 1               |
| MAY           | 3       | · /•     | ***            | 14.4          | 6.0     | 9.4   | 1••          | •            | 1.5               | • 2         |            |             |            | 17.4    | fi e <sub>i</sub> H | 1.00          | 1 2 . 4 1 | .11                 |
| אטנ           | 37.7    | , K      | 7 . 1.,        | , <b>,</b> ,  | 6 . Z   | 7.7   | 1.7          | • 7          | . 1               |             |            |             |            | 47.1    | 410                 | <b>,</b> 9 i, | <.11      | , P. t              |
| JUL           | 3 1 . 1 |          | 1.,,           | ع <b>ب</b> کر | 4       | A . 9 | 12           | • '9         | • 4               |             |            | !<br>!      |            | 39.0    | 606                 | 1.19          | 2.96      | . 44                |
| AUG           | 35.1    | , 1. /   | 4.1            | 14            | t š     | 7.5   | c. 1         | 2 • 1        | • * ?             | • 2         | • 1        |             |            | 39.2    | 9.16                | 2,75          | 1.5.8c    | .70                 |
| SEP           | 27.     | 2/•4     | 1.3            | 2 F . 64      | 1.2     | 7,5   | 3.5          | 1.4          | l.o               | • 5         |            |             |            | 93.1    | <b>-1</b> 0         | 2,23          | 1.12      | . 23                |
| ост           | 20.4    | 200      | 7,5            | i 4 • 1       | S . 9   | 10.5  | 4.5          | 2.5          | e • 4             | . 1         | • 1        |             |            | 48,7    | 137                 | 3.53          | 172       | • 7 14              |
| NOV           | 2 3     | 12       | 7,7            | 15.4          | 1.7     | 7 . 3 | 4.5          | 7.7          | • ?               | • 1         |            |             |            | 46.3    | *12                 | 2.17          | L.71      | • 5.1               |
| DEC           | 20.4    | 2: •     | 5 <b>, 7</b> , | 1, 4 , 1      | 6.9     | 3 . 3 | 3.2          | 3.1          | ن و بح            | . 4         | ٠ ١        |             |            | 47,4    | R <sub>U</sub> A    | 7,41          | 13.04     | .21                 |
| ANNUAL        | 31.5    | 27.      | 1.3            | ) 3,"         | 6,8     | 7,3   | ال و الم     | 1.7          | 1.4               | , 2         | • 0        |             |            | 41.3    | 479                 | 7.64          | $\times$  | $\overline{\times}$ |

1210 WS JUL 64 0-15-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAC AIR LEATHER SERVICE/MAC

#### **EXTREME VALUES**

PRECIPITATION (FROM DAILY OBSERVATIONS

21603

2

JUHNSTON ISLAND/PACIFIC IS

45-72

#### 24 HOUR AMOUNTS IN INCHES

| MONTH        | JAN                   | FEB.  | MAR                | APR    | MAY     | JUN  | JUL  | AUG   | SEP       | ОСТ   | NOV  | DEC            | ALL<br>MONTHS |
|--------------|-----------------------|-------|--------------------|--------|---------|------|------|-------|-----------|-------|------|----------------|---------------|
| 45           |                       |       |                    | .61    | .26     | .15  | .18  | . 34  | .05       | 1.13  | .96  | .30            |               |
| 40           | . 22                  | 1.23  | .23                | 1.26   | 1.04    | .06  | 1.04 | .58   | 1,93      | 1.93  | 1.56 | 1.29           | 1.93          |
| 47           | .20                   | .14   | 1.37               | .15    | .18     | .08  | 2.04 | . 15  | ,43       | 1.43  | •11  |                |               |
| 44           | .10                   | 05    | 65                 | . 63   | . 33    |      | 48   | 2,27  | 4.02      | 1.11  | , 34 | ,33            |               |
| 49           | .10                   | 1.42  | . 15               | 93     | 95      | .23  | .24  | .87   | .40       | 3.18  | 2.33 | 1.69           | 3.18          |
| <b>5</b> 9   | ,79                   | 1.98  | 2.05               |        | .66     | .87  | ,60  | , 56  | 1.04      | .20   | .73  | 2,05           | _             |
| 51           | 4.79                  | 62    | 3.46               | .22    | 28      | . 29 | .66  | . 26  | 1.50      | .75   | . 22 | .80            | 4.79          |
| 53           | 5,46                  | 1.32  | 1.42               | ,29    | .24     | .29  | ,19  | .12   | 1.08      | .59   | .13  | ,18            | 5.46          |
| 53           | .20                   | 19    | 185                | 39     | . 20    | 31   | 52   | . 12  | •11       | . 26  | .10  | .51            | . 85          |
| 5 .          | 9.83                  | .17   | , 25               | ,26    | 29      | •17  | .79  | 97    | .31       | . 33  | .40  | 3.12           | 9.83          |
| <b>5</b> 5 . | 1.77                  | 38    | .80                | , 56   | 1.22    | . 55 | . 25 | 48    | 1.05      | 1.90  | 2.84 | 1.48           | 2,84          |
| 55           | 3,37                  | 1.42  | 1,54               | 1,96   | .12     | .20  | 1,23 | .40   | .45       | .78   | .33  | .13            | 3.37          |
| 52           | 96                    | 4.72  | 56                 | .31    | 07      | 05   | 11   | 11    | .69       | .62   | . 12 | . 82           | 4.22          |
| 5.           | 54                    | 20    | 95                 | .16    | 08      | ,33  | ,    | •••   | .75       | 1.77  | 93   | 11             |               |
| 54           | 2.20                  | 0.0   | 25                 | 2.84   | 09      | . 28 | .37  | 7.44  | .60       | .46   | .30  | 2.30           | 7.44          |
| o ·          | .63                   | 15    | 1.88               | , 36   | 25      | , 26 | 21   | 49    | 2.29      | 2.31  | .23  | 1.71           | 2.31          |
| 6)           | 49                    | 35    | 39                 | 1.66   | .11     | 12   | 16   | 1.27  | .35       | 9.16  | .77  | 72             | 9.16          |
| 64           | 78                    | 1.30  | •                  | 2.24   | ,74     | .62  | 16   | .95   | 86.       | .21   | .56  | 19             |               |
| 64           | 29                    | 15    | 1.74               | 2.71   | 4.57    | 44   | 24   | 2,39  | 41        | 31    | • 50 | .23            | 4,57          |
| 04           | 19                    | 38    | 1.19               | 3.07   | 1.55    | 1,14 | 31   | 56    | 28        | .61   | 54   | 6.64           | 6.64          |
| 6            | 67                    | 35    | 28                 | 21     | 1.81    | 46   | 10   | 39    | 1.41      | 2,13  | .44  | 95             | 2.19          |
| 66           | .11                   | 2.10  | 14                 | ,13    | .04     | •nB  | 32   | .75   | 12        | 2.14  | 1.03 | 29             | 2.14          |
| 67           | 16                    | 1.31  | 3.04               | 28     | 45      | 80   | 63   | 41    | 2.65      | 2.13  | 1.13 | 1.49           | 3.04          |
| 50           | 41                    | 27    | 3.82               | 85     | 3.64    | .62  | .33  | 2.54  | 75        | .67   | -30  | 3.06           | 3,82          |
| 69           | 89                    | 1,78  | 51                 | 26     | 20      | 18   | 12   | 37    | .51       | .23   | .18  | 34             | 1.78          |
| 7 .          | .13                   | 29    | .18                | ,24    | 25      | .32  | 59   | 17    | .29       | 1.73  | .81  | 2.22           | 2.22          |
| 71           | 41                    | 17    | 1.60               | .32    | 12      | 60   | 18   | 86    | 2.19      | .26   | 34   | 1.36           | 2.19          |
| 72           | 1.92                  | 1,30  | .52                | 2.50   | 1.69    |      |      | .00   | ~ • • • • | . 20  | 4.24 | , <b>, ,</b> , | ***           |
| 14 _         | \$ 0.7 <del>6</del> , | 4000  | • 2 <del>6</del> , | e • 50 | Y é o å | •ŝī  | •    | :     | . •       |       |      |                |               |
| MEAN         | 1.39                  | . nai | 1.15               | .96    | .77     | . 36 | .46  | . 99  | .98       | 1.42  | .69  | 1.32           | 4.00          |
| 5.0          | 2.194                 | . 420 | 1.032              | 958    | 1.082   | .271 | 433  | 1.481 | 933       | 1.733 | 675  | 1.408          | 2,461         |
| TOTAL OBS    | 837                   | 763   | 805                | 810    | 868     | 810  | 806  | 806   | 810       | 437   | 810  | 806            | 9769          |

USAF ETAC #090 0-88 5 -OU.

DATA PRICESSING TRANCH USAF ETAC AIR GEATHER SERVICE/MAC

#### **EXTREME VALUES**

PRECIPITATION FROM DAILY OBSERVATIONS

21603 STATION

2

JUHNSTON ISLAND/PACIFIC IS

45-72

YEARS

24 HOUR AMOUNTS IN INCHES /BASED ON LESS THAN FULL MONTHS/

| MONTH      | JAN         | FEB | MAR. | APR        | MAY | JUN          | JUL. | AUG. | SEP | OCT.           | NOV                                    | DEC.        | ALL<br>MONTHS        |
|------------|-------------|-----|------|------------|-----|--------------|------|------|-----|----------------|--|-------------|----------------------|
| 47         |             |     |      |            |     |              |      |      |     |                |  | 26          | PRECIP               |
| 4 %        | *           | •   | •    |            |     | 20           |      | •    |     | •              | •                                      |             | PRECIP               |
| 50         |             | •   |      | 2.8Z<br>29 |     | . 20 .       |      | •    |     | •              | •                                      | •           | PRECIP               |
| <b>5</b> 4 | -           | •   | •    | . 29 .     |     |              | .50  | .57  |     | •              |  |             | PRECIP               |
| 62         | •           |     | 1,11 | - +        |     |              | 30   | .∕ 8 |     |                | •                                      | ·           | PRECIP               |
|            | *           | •   | 29   | •          |     |              | •    | •    |     |                | •                                      | •           | LOAYS                |
|            |             | •   | •    |            |     |              |      | •    |     |                | •                                      |             | <del>*</del>         |
|            | -           |     |      |            |     |              |      |      |     |                | <del></del>                            |             | <del>-</del>         |
|            | _           | ٠   |      |            |     |              |      |      |     |                | <u> </u>                               |             | •                    |
|            |             |     |      |            |     |              | •    | •    | -   | ·<br>          |  | <u>-</u>    | <u> </u>             |
|            |             |     |      |            |     |              | ,    |      |     | †              | i<br>•                                 | ·<br>       | <br><del> </del><br> |
|            | <del></del> |     |      |            |     |              |      | - +  |     | L              | •                                      | •           | <u> </u>             |
|            | 4           |     |      |            |     |              |      |      |     |                | :                                      | · · ·       | ;<br><del>+</del>    |
|            |             |     |      |            |     | ·<br>• · · • |      |      |     | !<br><b></b> - |  |             | +                    |
|            |             |     |      |            |     | <u>;</u> ;   | :    |      |     |                | ·                                      |             | i<br>+               |
|            | п           |     | 1    | r site     |     |              |      |      |     |                | • ==================================== | t. 7 * \$ * | ·<br>:               |
| MEAN       | -           |     |      |            |     |              | - '* |      |     | L              |  |             | 4                    |
| 5 D        |             |     |      |            |     |              |      |      |     |                | · · · · · · · · · · · · · · · · · · ·  |             |                      |
| OTAL OBS   |             | •   |      | •          |     |              | Ī    | •    |     |                |  |             |                      |

USAF ETAC FORM 0-88-5 (OLI)

2 HATA PROFESSES RECONSTRUCTION ASSESSES ASSESSES

#### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF SNC ... FAIL (FROM DAILY OBSERVATIONS)

|                |       |        |        |         |         | AM      | OUNTS (I | NCHES)   |           |           |            |             |            | PERCENT         |               | MQN' | THLY AMO | UNTS     |
|----------------|-------|--------|--------|---------|---------|---------|----------|----------|-----------|-----------|------------|-------------|------------|-----------------|---------------|------|----------|----------|
| PRECIP         | NONE  | TRACE  | 01     | 02-05   | .06-10  | .11 .25 | 26 50    | .51.1 00 | 1 01-2 50 | 2.51-5 00 | 5 01-10-00 | 10 01 20 00 | OVER 20 00 | OF DAYS         | NO.           |      | (INCHES) |          |
| SNOWFALL       | NONE  | TRACE  | 01-0.4 | 0 5-1 4 | 1.5-2.4 | 2 5 3 4 | 3 5.4 4  | 4 5-6 4  | 6.5.10.4  | 10.5-15.4 | 15 5-25.4  | 25 5-50 4   | OVER 50.4  | MEASUR-<br>ABLE | OF<br>OBS.    | MEAN | GREATEST | LEAST    |
| SNOW-<br>DEPTH | NONE  | TRACE  | 1      | 2       | 3       | 4.6     | 7-12     | 13-24    | 25.36     | 37 - 48   | 49-60      | 61-120      | OVER 120   | AMTS            |               |      |          |          |
| JAN            | 100.0 |        |        |         |         |         |          |          | <u> </u>  |           |            | İ           |            | <br>            | 7 . 7         | •0   | • 0      |          |
| FEB            | 100.0 |        |        |         |         |         |          |          |           |           |            |             | į          |                 | 7.            | • 6  | + 1      |          |
| MAR            | 100.0 |        |        |         |         |         |          |          |           |           | 1          |             |            |                 | 14.           | • 0  | • 0      | • 1      |
| APR            | 100.0 | i      |        |         |         | !       |          |          |           |           |            | 1           |            | i               | - 17          | • 0  | • f      | • (      |
| MAY            | 10    |        | 1      | <br>    |         |         | 1        | 1        |           |           |            |             |            |                 | £ · Ŀ         | • C  | •0       |          |
| JUN            | 100,0 | ·<br>! | 1      |         |         | !       |          |          |           |           |            |             |            |                 | -10           | • (. | • ^      | . (      |
| JUL            | 100 . |        |        |         |         | 1       | i        |          |           |           |            |             |            |                 | 7ر 4          | . (  | •0       | • 6      |
| AUG            | 100 - |        |        | ı       |         | İ       | į        |          |           |           |            |             |            |                 | 417           | . 0  | • 0      | • •      |
| SEP            | 100.0 |        |        |         |         |         | I<br>I   |          |           |           |            |             |            |                 | 1- <b>4</b> C | ۰.0  | •^       |          |
| ост            | 100.  |        |        |         |         | i<br>i  |          |          |           |           |            |             |            |                 | # 4 <b>7</b>  | • 0  | • 6      | ! •(     |
| NOV            | 100.3 |        |        | 1       |         |         | !        |          |           |           |            |             |            |                 | 410           | • 0  | • C      | • (      |
| DEC            | 100.0 |        |        | 1       |         | İ       |          |          |           |           |            |             |            |                 | 11.7          | • 0  | • C      | • (      |
| ANNUAL         | 10).  | )      |        | i<br>I  |         |         |          |          |           |           |            |             |            |                 | 9             | •1   | $\times$ | $\times$ |

1210 WS JUL 64 0.15.5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PRUCESSING BRANCH USAF ETAC AIR REATHER SERVICE/MAC

#### **EXTREME VALUES**

SNOWFALL
FROM DAILY OBSERVATIONS:

21603 STATION

JUHNSTON ISLAND/PACIFIC IS.

45-72

#### 24 HOUR AMOUNTS IN INCHES

| MONTH<br>YEAR | IAN  | FEB  | MAR.        | APR.         | MAY  | JUN.       | JUL  | AUG.       | SEP.             | OC1  | NOV     | DEC.       | ALL<br>MONTHS  |
|---------------|------|------|-------------|--------------|------|------------|------|------------|------------------|------|---------|------------|----------------|
| 45            |      |      |             | •0           | • 0  | .0         | .0   | .0         | .0               | .0   | .0      | .0         |                |
| 40            | . Q. | ۵Q.  | <b>.</b> Ω. | . Q.         | .0.  | .0.        | . Q. | . Q.       | .0               | .0   |         | ÌQ.        | .0             |
| 47            | .0   | .0   | .0          | .0           | .0   | .0         | • 0  | .0         | .0               | .0   | .0      | .0         | .0             |
| 4.3           | .0   | . Q. | • Q         | <b>.</b> Q.  | • 0; |            | • 0  | , 0        | .0               | .0   | •0      | 0          | •              |
| 4.3           | .0   | .0   | .0          | .0           | .0   | • 0        | • 0  | .0         | .0               | . 0  | .0      | .0         | . 0            |
| 50            | ,0   | • 0  | <b>,</b> O  |              | • 0, | •Q.        | • 0. | <b>.</b> 0 | ِي و             | .0   | .0      | 10.        |                |
| 51            | .0   | .0   | .0          | •0           | .0   | .0         | • 0  | .0         | .0               | .0   | • 0     | .0         | .0             |
| 52<br>53      | .0   | .0   | • Q.        | <b>.</b> Q.  | .0   | 0          | • 0  | .0         | ,0               | ٥ و  | • 0     | 0          | • 0            |
| 53            | .0   | .0   | .0          | •0           | .0   | .0         | .0   | .0         | .0               | .0   | .0      | .0         | .0             |
| 54            | ,0   | .0   | ,0          | <u>, 0</u> , | ,0   | ,0         | .0   | ,0         | .0               | ,0   | .0      | ,0         | . 0            |
| 55            | .0   | .0   | .0          | .0           | • 0  | .0         | .0   | .0         | .0               | .0   | .0      | , ō "      | , <u>0</u>     |
| 55            | ,0   | • 0. | . 0         | .0           | , 0  | . 0        | .0   | ,0         | .0               | •0   | •0      | •0         | .0             |
| 57            | .0   | •0   | .0          | .0           | .0   | .0         | .0   | , o        | .0               | .0   | .0      | .0         | • <u>0</u>     |
| 5;            | , O  | .0   | .0.         | , Ö          | , 0  | ٥٠         | •0   | ,0         | .0               | •0   | .0      | . Ŏ        | .0             |
| ရှိတ် "       | ō    | .0   | Ö           | .0           | .ŏ.  | ō          | .0   | .0         | .0               | •0   | .0      | ō          |                |
| 60            | ō    | .0   | ,0          | ٥٠           | .0   | , <u>0</u> | • 0  |            | • O <sub>1</sub> | ,0   | .0      | •0         | .0             |
| 61            | Ü    | 0    | Ŏ           | •0           | ,0   | Ö          | .0   | •0         | .0               |      | • • • • | , ŏ .      | • 0            |
| 62            | , o  | , 0  | • • •       | .0           | , ŏ  | .0         | • 0  | .0         | .0               | .0   | .0      | .0.        | •              |
| 65            | , o  | .0   | .0          | .0           | .0   | .0         | • 0  | .0         | •0               | ,0   |         | +0         | .0             |
| 64            | Ö    | • 0  | ,0          | ,0           | Ö    |            | .0   | , ŏ        | .0               | ,0   | .0      | ,0         | - 0            |
| 65            | Ö    | .0   | .0          | .0           | , Öʻ | . ó        | .0   | .0         | • <u>•</u> •     | .0   | .0      | .0         | .0<br>.0<br>.0 |
| 66            | Ü    | •0   | .0          | .0           | .0   | ڔؘۄٙ؞      | .0   | .0         | 0                | .0   | .0      | -0.        | .0             |
| 67            | Ö    | .0   | .0          | . 0          | .ŏi  | .0         |      | .0         | - 6              | .0   | •0      | •0         | · ž            |
| 68            | Ŏ    | .0   | .0          | .0           | .0   | .0         | .0   | .0         | .0               |      | .0      |            | • • •          |
| 69            | Ö    | .0   | .0          | Ö            | .0   | 0          | .0   | •0         | .0               | .0   | .0      | •0.        | <u>, 0</u>     |
| 7)            | ō    | •0   |             |              |      | • 0        | .0   | ,0         | .0               |      |         |            | • •            |
| 71 -          | .0   | .0   | .0          | • 0          | .0   | • 0        | .0   | •••        | - :0             | •0   | • 0     | • <u>0</u> |                |
| 72            | ŏ    | .0   |             | •0           |      | • 0        | • •  | , 0        | • •              | .0   | • 0     | •0         | • •            |
| 12 _          | • 0, | •0   | •0          | • 0          | • 0  | • <b>0</b> | •    | •          | - +              |      | ·       | +          |                |
| MEAN          | •00  | .00  | .00         | .00          | .00  | •00        | .00  | ,00        | .000             | ,00  | ,00     | .00        | ,00            |
| 5.0           | .000 | .000 | , ČÕÕ       | .000         | .000 | .000       | .000 | .000       | .000             | .000 | .000    | ,000       | ,000           |
| TOTAL OBS     | 837  | 763  | 806         | 810          | 868  | 810        | 837  | 837        | 110              | 137  | 110     | 137        | 7062           |

USAF ETAC 4084 0-88-5 (O())

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/PAC

#### **EXTREME VALUES**

SNOWFALL (FROM DAILY OBSERVATIONS)

21603 STATION

JEHNSTEIN ISLAND/PACIFIC IS

45-72

24 HOUR AMOUNTS IN INCHES /BASED UN LESS THAN FULL MONTHS/

| MONTH<br>YEAR | JAN | FEB | MAR | APR. M | AY JUN  | JUL | AUG      | SEP.                 | ОСТ    | NOV              | DEC      | ALL<br>MONTHS   |
|---------------|-----|-----|-----|--------|---------|-----|----------|----------------------|--------|------------------|----------|-----------------|
| 4,            |     |     | •   |        | 20      |     |          |                      |        |                  |          | SNCFALL         |
| <b>う</b> ○    |     | ·   |     | 29     | •       |     | •        | •                    | •      | •                | •        | SNCFALL<br>CAYS |
| 62 "          |     |     | 29  |        |         |     |          |                      |        | •                |          | SNOFALL<br>DAYS |
|               |     |     |     |        |         |     |          |                      |        |                  |          | ,               |
| -             |     |     |     | - +    | •       |     | •        | •                    | •      | •                | •        | •               |
| •             | •   |     |     | • ·    |         |     |          | •                    | •      |                  | •        | •               |
|               |     |     |     | • •    | •       | ÷   | •        | •                    | • • •  | •                | -        | <del></del>     |
|               |     |     |     |        |         |     | <b>4</b> | • i                  | ·<br>• | <del> </del> · · | + -      | +               |
| -             |     |     |     |        |         |     | :        |                      |        |                  | -        |                 |
| -             |     |     |     |        |         |     |          | •                    | •      | ·                | <u> </u> |                 |
|               |     |     |     |        |         |     |          | •                    |        | :<br>•           | •        |                 |
|               |     |     |     |        |         |     |          |                      |        |                  |          | #               |
| -             |     |     |     |        | •       | _   |          | ļ                    | •      |                  |          | •               |
|               |     |     |     |        |         |     | :        | :                    |        |                  |          |                 |
|               |     |     | ·   | •      |         |     |          | !                    |        |                  |          |                 |
|               |     | •   |     |        | • • • • |     | • -      | • -                  |        |                  | F        |                 |
| MEAN "        |     |     |     | = t ·  |         | -   | · n      | t in an and a second |        |                  |          | #1111           |
| S D           |     |     |     | - •    |         |     | •        | •                    |        |                  |          | <del>-</del>    |

USAF ETAC FORM 0-88-5 (OLI)

MATA PRINCIPAL NO DE CASAL PATA ANTON DE CASAL PATA ANTON DE CASAL

#### **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF

STATION STATION NAME

YEARS

|               |        |         |          |         |         | A٨    | OUNTS (                               | INCHES)  |           |       |       | PERCENT     | ļ          | MONTHLY AMOUNTS |                            |          |          |        |
|---------------|--------|---------|----------|---------|---------|-------|---------------------------------------|----------|-----------|-------|-------|-------------|------------|-----------------|----------------------------|----------|----------|--------|
| PRECIP        | NONE   | E TRACE | 01       | 02-05   | .0610   | .1125 | .26 50                                | .51-1-00 | 1 01 2 50 | +     | +     | 10 01-20.00 | OVER 20 00 | OF DAYS         | TOTAL<br>NO.<br>OF<br>OBS. | (INCHES) |          |        |
|               |        | TRACE   | 01-0.4   | 0.5-1-4 | 1.5.2 4 | 2534  | 3.5-4.4                               | 4 5-6.4  |           |       |       | 25 5-50 4   | OVER 50.4  |                 |                            | MEAN     | GREATEST | LEAST  |
| SNOW<br>DEPTH | NONE   | TRACE   | . 1      | 2       | 3       | 4.6   | 7.12                                  | 13-24    | 25.36     | 37 48 | 49-60 | 61.120      | OVER 120   | AMTS            |                            |          |          |        |
| JAN           | 100.1  |         |          |         |         | i i   | į .                                   |          |           |       |       | [           |            |                 | 437                        |          |          |        |
| FEB           | Tu . 1 |         |          |         |         |       | · · · · · · · · · · · · · · · · · · · | i<br>i   |           |       |       | i           |            |                 | 7 :                        |          |          |        |
| MAR           | 10 .11 |         |          |         |         |       |                                       |          |           |       | !     | i           |            |                 |                            |          | Ī        | 1      |
| APR           | 1      |         |          |         |         |       |                                       |          |           |       | !     | ĺ           |            |                 | 317                        |          |          |        |
| MAY           | 1000   |         |          |         |         |       | 1                                     | 1        |           |       |       |             |            | i               |                            |          |          |        |
| MUL           | 19.00  |         |          |         |         |       |                                       |          |           | i     |       |             |            |                 | . 41                       |          |          |        |
| וחר           | 100.0  |         |          | . –     |         |       |                                       |          | 1         | i     |       |             |            |                 | F + 7                      |          |          |        |
| AUG           | 100.0  |         | •        |         |         | -     |                                       |          | i         |       |       |             |            |                 | <i>t</i> : ₹7              |          |          |        |
| SEP           | 100.0  |         | •        |         |         |       | :                                     |          |           |       | 1     |             |            |                 | 1.10                       | -        |          | 1      |
| эст           | 100.4  |         |          |         |         |       |                                       |          | !         |       |       |             |            |                 | j. ; 7                     |          |          |        |
| NOV           | 100.4  |         |          |         | 1       |       |                                       |          |           |       |       |             |            | į į             | . Tu                       |          |          | •      |
| DEC           | 100.9  |         |          | :       |         |       |                                       |          |           |       |       |             |            |                 | 3 47                       | -        | 1        |        |
| ANNUAL        | ine.d  |         | <u> </u> | !       |         | 1     |                                       |          |           |       |       |             |            |                 | 9242                       |          | X        | $\sim$ |

1210 WS FORM 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING GRANCH USAF ETAC AIR MEATHER SERVICE/MAC

**EXTREME VALUES** 

SNOW DEPTH (FROM DAILY OBSERVATIONS:

21603 STATION

JOHNS FON ISLAND/PACIFIC IS

45-72

DAILY SNOW DEPTH IN INCHES

| MONTH       | JAN            | FEB | MAR.       | APR.       | MAY | JUN. | JUL        | AUG. | SEP.           | ост | NOV.        | DEC         | ALL<br>MONTHS |
|-------------|----------------|-----|------------|------------|-----|------|------------|------|----------------|-----|-------------|-------------|---------------|
| 45          |                |     |            | 0          | 0   | 0    | 0          | 0    | 0              | 0   | 0           | 0           |               |
| 46          | Q.             | Q.  | Q.         | Q.         | Q.  | Ō:   | Q:         | Q.   | 0:             | .Q. | Q           | ō.          | c             |
| 47          | ΰ              | ō.  | Ō.         | ō.         | Ö   | õ    | ō:         | Ó    | Ó.             | Ō   | Ō           | Ō           | Ö             |
| 4.3         | 0              | 0   | 0          | Ō,         | 0   | Ö    | 0          | 0.   | 0              | 0   |             | Ŏ.          | 0             |
| 49          | oʻ             | oʻ  | o o        | oʻ         | oʻ  | o o  | o o        | 0    | Q <sup>†</sup> | oʻ  | 0           | 0 "         | Ò             |
| 50          | 0              | Q.  | 0.         |            | 0   | 0.   | <b>Q</b> : | 0    | 0              | 0.  | Ō.          | G.          |               |
| <b>51</b> " | 0              | õ   | Ö.         | Ö          | oʻ  | o.   | ő          | O    | oʻ             | Ō   | Õ           | Õ.          | 0             |
| 52          | U              | 0   | <u>0</u> . | 9.         | 0.  | Ō.   | 0          | Ó    | 0              | 0   | Q.          | . <u>0</u>  | 0             |
| 5? "        | oʻ             | Ö   | Ō          | Ó          | oʻ  | Ô.   | 0          | Ö    | o              | o'  | Ō.          | · ō *       | 0             |
| 54          | 0              | 0   | 9.         | Q.         | 0   | Ö    | 0          | 0    | Ó.             | ä   | Ŏ:          | Ō.          | Ö             |
| <b>5</b> 5  | o              | O   | Ó.         | ò          | Ö   | ō.   | Ō.         | 0    | 0              | Õ   | Ŏ           | ō           | Õ             |
| 55          | 0              | 0   | 0          | Q.         | 0.  | ă    | Q.         | Õ    | 0              | O.  | <b>Q</b> ,  | 0           | 0             |
| 57          | o.             | Ü   | ò.         | ō          | Ō.  | Ŏ    | Ŏ          | Õ.   | 0              | Ō   | Ŏ           | ō           | Ō             |
| 5 6         | 0              | O   | 0          | 0          | 0   | Ō    | 0          | 0    | 0              | 0   | 0           | 0           | C             |
| 50          | o <sup>.</sup> | oʻ  | Ö          | Ô          | Ö   | Ď.   | 0          | Ö.   | 0              | Ö   | 0           | Ō           |               |
| 60          | U-             | ()  | 0          | Ó          | 0   | Ŏ    | Ŏ          | 0    | 0              | O   | Ö           | 0           | ō             |
| 61          | oʻ             | D   | oʻ         | <b>0</b> . | oʻ  | Ö    | 0          | 0    | 0              | 0   | Ō           | Č           | ō             |
| 6%          | 0              | 0   |            | Ů.         | 0   | Ö    | 0          | 0    | 0              | ŏ   | Ŏ           | o l         |               |
| 63          | o o            | o o | o o        | Ō.         | 0   | 0    | Ō          | Ō    | 0              | Ō   | 0           | 0,          | 0             |
| 64          | 0              | O   | 0          | Ō          | Ö   | Ŏ    | Ō,         | 0    | 0              | Ö   | 0           | O           | ō             |
| 65          | O.             | Ō.  | O.         | Ŏ.         | Ō.  | Ŏ,   | Ŏí         | 0    | 0              | Ŏ   | Ŏ.          | ă           | 0             |
| 68          | 0              | 0   | U          | Ŏ          | 0   | Ō    | 0          | 0    | 0              | 0   | 0           | 0           | 0             |
| 67          | 0              | 0   | 0          | <u>0</u>   | 0   | Ö    | Ō          | 0    | 0              | 0   | 0           | 0,*         | 0             |
| 68          | 0              | Ö.  | Ō          |            | 0   | 0    | 0          | 0    | 0              | 0   | 0           | 0           | Ö             |
| 69          | 0              | 0   | 0          | O.         | Ò.  | 0    | 0          | 0    | 0              | 0   | Ó           | <u> </u>    |               |
| 70          | 0              | 0   | 0          | Ō          | 0   | 0    | Ö          | 0    | 0              | 0   | 0           | ·0 [        | C             |
| 71          | O.             | O.  | 0          |            | Ō.  | 0    | 0          | 0    | 0              | 0   | 0           | 0+          | 0             |
| 72          | ٥              | Ō,  | 0          | 0          | Oį. | 0    |            |      |                |     |             |             |               |
|             | ,              |     |            |            |     |      |            |      |                |     |             | <u> </u>    |               |
| MEAN "      | • 0            | • 0 | .0         | .0         | .0  | .0   | • 0        | .0   | .0             | .0  | .0          | .0          | ,0            |
| S D         | .000<br>837    | 763 | 000<br>806 | 010        | 000 | 840  | 837        | .000 | .000<br>810    | 837 | ,000<br>810 | #000<br>837 | ,000<br>9892  |

USAF ETAC FORM 0-88-5 (OLI)

DATA PRUCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/HAC

#### **EXTREME VALUES**

SNOW DEPTH (FROM DAILY OBSERVATIONS,

21603 STATION

2

JOHNSTON ISLAND/PACIFIC IS

45-72

YEARS

DAILY SMOW DEPTH IN INCHES /BASED UN LESS THAN FULL MONTHS/

| MONTH | JAN | FEB | MAR. | APR |        | JUN   | JUL      | AUG | SEP. | OCT.       | NOV            | DEC. | ALL<br>MONTHS                         |
|-------|-----|-----|------|-----|--------|-------|----------|-----|------|------------|----------------|------|---------------------------------------|
| 5.    |     |     |      | 29  | C      |       |          |     |      |            |                |      | ISNO DPTH                             |
| 6,    |     |     | 29   | )   |        |       |          |     |      |            |                |      | DAYS<br>SNC DPTI                      |
|       |     |     |      |     |        | •     |          |     |      |            |                |      | <del></del>                           |
|       |     |     |      |     |        | •     |          |     |      |            |                |      | -                                     |
| -     |     |     |      |     |        | •     |          |     |      | i          |                |      | <del></del>                           |
|       |     |     |      |     | •      |       | ė        | •   |      |            |                |      |                                       |
|       |     | ·   |      |     | •      |       | •        | •   | •    |            | ··· ·          |      | · · · · · · · · · · · · · · · · · · · |
|       |     |     |      |     |        |       | •        | •   |      | ·<br>• •   | !<br>!         |      |                                       |
|       |     |     |      |     |        |       | •        |     | • -  | <b></b>    | ·              |      | <del>-</del>                          |
|       |     |     |      |     |        |       |          |     | •    |            |                |      | <u> </u>                              |
|       |     |     |      |     |        |       |          |     |      | • ·        |                |      | ·                                     |
| -     |     |     |      |     |        |       |          | •   | •    | <b></b>    | - <del>-</del> |      | ·                                     |
|       |     |     |      |     | - +    | •     | •        | •   | • •  | +          | ++             |      |                                       |
| -     |     |     |      |     |        |       | <b>:</b> | :   | •    | <b>4</b> – |                |      | ÷                                     |
| MEAN  |     | ı   | r    |     | F #.** | # 1.7 | -        |     |      |            | थनः सम्ब       |      |                                       |
| S D   |     | •   |      |     | · ·    | •     | •        |     | •    | •          | <u>.</u>       |      |                                       |

USAF ETAC FORM 0-88-5 (OLI)

1

DATA PROCESSING DIVISION PTAC/USAF AIR WESTERR SERVICE (MAC) ASHEVILLE, MORTH CAROLINA

### PART C

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instructaneous wind-speed recorders."

2. Piveriate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of President classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A supervate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be supprairized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
  - (1) Annual all hours combined
  - (2) By month all hours combined
  - (3) By month by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or present than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

**EXTREME VALUES** 

FROM DAILY OBSERVATIONS

MILE PLAN TO STR. TO BE TO

| MONTH               | JAN,         | FEB.                            | MAR.                                   | APR.   | MAY      | JUN.                                    |             | AUG.   |                           | ост.    | •         | DEC.                                  | ALL<br>MONTHS |
|---------------------|--------------|---------------------------------|--|--------|----------|---|-------------|--------|---------------------------|---------|-----------|---------------------------------------|---------------|
|                     | 7            | F1 4                            | 1 9.4                                  | 3 7    | r, a     | 1 1 1 7                                 | 1 1 1       | 7 30   | 13                        | 55' 32. | 13        | 1 1 2 1 No. 1                         | . ,           |
|                     | +            | FACTOR.                         | 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1F 6 | 1 11 41  | 1 1 1 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 | 1 4         | 4.     | 39                        | 1 1 11  | - E - 4 U | 717                                   |               |
|                     |              | FSF 7                           | 1 76                                   | 51 140 | 1 44     | 58 4.                                   | 151 7       | 151 35 | . 51 4 3                  | E 4     | 1 45      | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | ( %)          |
| -                   |              | E                               | F-11 44                                | 5 1 44 | 1 1 1    | 1 3 7 7                                 | F 1 1 1 2 2 | Fra 37 | (A)<br>(A) (A)<br>(A) (B) | 4       |           | 1 44                                  |               |
|                     | 1 4          | <u>ां, , √६ ह</u><br>2 <b>9</b> | 6 e i                                  | on 4.  | E 4 17   | FOT 25                                  | 1 2         | 10     | 31                        | 17      | 7//       | 38                                    |               |
|                     |              |                                 | 75                                     | 141 27 | 7 12     | F0\$ 25                                 | ,           | •      | 2/                        |         |           |                                       |               |
|                     |              |                                 |  |        |          |   |             |        |                           |         |           |                                       |               |
|                     | <del>+</del> | 1-1                             |  |        |          |   |             |        |                           |         |           |                                       |               |
|                     |              |                                 |  |        |          |   |             |        |                           |         |           |                                       |               |
|                     |              |                                 |  |        |          |   |             |        |                           |         |           |                                       |               |
|                     |              |                                 |  |        |          |   |             |        |                           |         |           | -                                     |               |
|                     |              |                                 |  |        |          |   |             |        |                           |         |           |                                       |               |
|                     |              |                                 |  |        |          |   |             |        |                           |         |           |                                       |               |
|                     |              |                                 |  |        |          |   |             |        |                           |         |           |                                       |               |
|                     |              |                                 |  |        | <u> </u> |   |             |        |                           |         |           |                                       |               |
| MEAN                | / , i        | 4 .                             | 44.                                    | • 4    | 10.0     | 7,2                                     | 34.7        | 6.4    | 10.9<br>5.757<br>2.31     | 1.4     | 67.6      | 43.                                   |               |
| S. D.<br>TOTAL OBS. | - 3          | 3.3                             | 7, 3                                   | tie th | 6. (1)   | 7.044                                   |             | 5,775  | 5,757                     | 3,87.7  | 5. 55     | •5)                                   | 27:           |

1210 WS FORM 0-88-5 (Det 50)

Car to protect of

**EXTREME VALUES** 

( I

 $\begin{array}{lll} \mathbf{F}^{(1)} & \mathbf{F}^{(2)} & \mathbf{F}^{(2)} & \mathbf{F}^{(2)} & \mathbf{F}^{(2)} \\ \mathbf{F}^{(2)} & \mathbf{F}^{(2)} & \mathbf{F}^{(2)} & \mathbf{F}^{(2)} & \mathbf{F}^{(2)} \\ \mathbf{F}^{(2)} & \mathbf{F}^{(2)} & \mathbf{F}^{(2)} & \mathbf{F}^{(2)} & \mathbf{F}^{(2)} & \mathbf{F}^{(2)} \end{array}$ 

STATION NAME

Or The Control of the

1. 1168 P. M. 1. 117 P. M. 1. 1

| MONTH<br>YEAR | JAN. | FEB.         | MAR.     | APR.         | MAY  | JUN. | JUL. | AUG.   | SEP. | ост. | NOV.  | DEC.     | ALL<br>MONTHS      |
|---------------|------|--------------|----------|--------------|------|------|------|--------|------|------|-------|----------|--------------------|
|               |      |              |          |              |      |      |      |        |      |      |       | : ,      |                    |
|               | İ    |              |          |              |      | 1    |      |        | ()   | U)   |       | U        | 1 75<br>1 95       |
|               |      |              | Ų.       | ;            | y    | - 1  | ξ,   | ()     | 0    | 0    | 1;    |          | . 1 . 3            |
|               |      |              | ş.1      |              |      |      |      |        |      |      |       |          | 1 .                |
|               | +    |              | <u> </u> | C)           | 1    | .,   | 0    | C      | O    | ()   | ()    | :)       | •                  |
|               |      |              | n        | n)           | ()   | - 1, | ()   | 0      | U !  | (;   | ,•    |          | F 5                |
|               |      |              |          |              |      |      |      |        |      |      | ļ     |          | 1 5                |
|               |      |              |          |              |      |      |      |        |      |      |       |          |                    |
|               |      |              |          |              |      |      |      |        |      |      |       |          | 1 1 1 5<br>1 1 4 5 |
|               |      |              |          |              | ,    |      |      | F ! 40 | (    | 17   | 14 14 | 70<br>70 | 1 "5               |
| · ·           | - 3  |              | <b></b>  |              |      |      |      |        | , 11 | · ·  | 13    | С        | 1 3                |
|               |      |              |          | <del>,</del> | 7 1, |      |      |        |      | .,   |       |          | •                  |
|               |      |              |          |              | ·    |      |      |        |      |      |       |          | · · ·              |
|               |      |              |          | -            |      |      |      |        |      |      |       |          |                    |
|               |      |              |          |              | ,    |      |      |        |      |      |       |          |                    |
|               |      |              | •        | ·            |      |      |      |        |      |      |       |          | <u> </u>           |
|               |      |              |          |              |      |      |      |        |      |      |       | <u> </u> | <u> </u>           |
| MEAN<br>S. D. |      | <del>-</del> |          |              |      |      |      |        |      |      |       |          |                    |
| TOTAL OBS.    |      |              |          |              |      |      |      |        |      |      |       |          | 1                  |

1210 WS FORM 0-88-5 (Det 50)

CATA PRINCESSING ARABICH FTAC/USAL AIR FATTER SERVICE/MAC

2

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u> </u>   | <u> Hirini</u> | 5 T 'W 1 | SLAND/ | PACIFI        | C 15    | <del> </del> | 45      | -72     |         | EARS    |             |     |      | LL                    |
|------------|----------------|----------|--------|---------------|---------|--------------|---------|---------|---------|---------|-------------|-----|------|-----------------------|
|            |                |          |        |               |         | ALL W        | LATHER  |         |         |         | <del></del> |     |      | A L L                 |
|            |                | ~        |        |               |         | CON          | DETION  |         |         |         | <u> </u>    |     |      |                       |
| SPE<br>(KN | TS)            | 1 - 3    | 4 - 6  | 7 - 10        | 11 - 16 | 17 - 21      | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55     | ≥56 | 6/2  | MEAN<br>WIND<br>SPEED |
| ,          |                | .0       | . 2    | . 3           | . 3     | • 1          | • 0     | •0      | • 0     |         |             |     | 1.1  | 11.2                  |
| N          | 4E             |          |        |               | . 0     | 5            | . 2     | .0      | . 0     |         |             |     | 2.3  | 13.7                  |
| N          | £              | 4.1      | . 4    | 1.8           | 4.7     | 3.1          | . 0     | • 1     | . 0     |         |             |     | 11.0 | 14.9                  |
| EN         | IE             | . 1      | , 6    | 4.0           | 15.1    | 11.5         | 2,9     | . 2     | • 0     |         |             | !   | 34,4 | 15.6                  |
| E          |                | . 1      | . #    | 5.1           | 21.5    | 7,9          | 1.2     | • 0     | • 0     |         |             |     | 37.7 | 14.0                  |
| ES         | E              | , Ú      | . 4    | 1.7           |         |              | . 2     | • 0     |         |         |             |     | 7.3  | 14.0                  |
| SI         | E .            | 0        | . 3    | . 8           | .7      | ī            | • 0     | • 0     |         |         |             |     | 2.0  | 10.8                  |
| SS         | E              | .0       | . 2    | . 3           | . 3     | -1           | .0      | .0      | • 0     |         |             |     | . 9  | 10.9                  |
| 5          | ,              | Q.       | . 1    | . 2           | . 2     |              | .0      | .0      | .0      | • 0     |             |     | , 6  | 10.9<br>9.9<br>10.9   |
| 55         | w              | U        | . 1    | . 1           | . 1     | 0            |         | .0      | . 0     |         |             |     | , 4  | 10.9                  |
| S۱         | w _            | C        | . 1    | 1             | . 1     |              | .0      | .0      | .0      |         |             |     | . 4  | 10.6                  |
| ws         | w              | .0       | . 1    | 1             | 1       |              | .0      | .0      | .0      |         |             |     | , 3  | 11.5                  |
| [ w        | ,              | . U      | 1      | . 1           |         | 0            | .0      | .0      |         |         |             |     | . 3  | 11.2                  |
| WN         | w              | . u      | . 1    | . 1           | . 1     | .0           | .0      |         | .0      |         |             |     | . ?  | 9.9                   |
| N,         | <b>"</b>       | . u      | . 1    | . 1           | . 1     | .0           | .0      | ,0      | • 0     |         |             |     | , 3  | 9.6                   |
| NN         | w              | , ü      | . 1    | .1            | . 1     | .0           | • 0     | • 0     | • 0     |         |             |     | . 3  | 10.1                  |
| VA         | BL             |          |        |               |         |              |         |         |         |         |             |     |      |                       |
| CA         |                |          |        | $\overline{}$ |         |              |         |         |         |         |             |     | . 5  |                       |

TOTAL NUMBER OF OBSERVATIONS 164342

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PRHILESSING ARADOM ATR EATHER SERVICE/MAG

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| . <u>- ⊍[.⊹</u> † | ( <u> 1 )                                  </u> | St. Am. 7/1   | ACIFI       | C 15     |             | 46      | • 77        |             | EARS        |             |     |       | J / |
|-------------------|---|---------------|-------------|----------|-------------|---------|-------------|-------------|-------------|-------------|-----|-------|-----|
|                   |   | 3181108       | ~~          |          | A 4 1 1     |         |             | '           |             |             |     |       |     |
|                   | _   | <del></del> - |             |          | ALL N       | EATHER  |             |             |             | <del></del> |     | HOUR  | Δ ( |
|                   |   |               |             |          |             | DITION  |             |             |             |             |     |       |     |
|                   |   |               |             |          | CON         | DITION  |             |             |             |             |     |       |     |
|                   |   |               |             |          |             |         |             | ***         | ·           | <del></del> |     |       |     |
| SPEED             |   | <del></del> T |             |          |             |         | ·           |             |             | r           |     |       | _   |
| (KNTS)<br>DIR.    | 1 - 3   | 4 - 6         | 7 - 10      | 11 - 16  | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56 | %     |     |
| N                 | . 1   | .6            | 1.2         | . 9      | . 5         | • 2     | . 3         | • 0         |             |             |     | 3.2   | Γ   |
| NNE               | .0  | . 4           | 1.0         | 1.8      | 1.5         |         | . 3         | • 0         |             |             |     | 5.8   | Г   |
| NE                | . 2   | . 7           | 2.0         | 4.5      | 3 .5        | 1.7     | . 4         | -1          |             |             |     | 13.0  | Γ   |
| ENE               | . 1   | 1.2           | 3,6         | 9.1      | 6,7         | 3.2     | . 3         | • 0         |             |             |     | 24,2  | Π   |
| E                 | 1   | 1.5           | 5.7         | 11.6     | 5,4         | • 9     | •0          |             |             |             |     | 25.2  |     |
| ESE               | . 1   | -7            | 2.6         |          | 1,6         | . 3     | • C         |             |             |             |     | 9.9   |     |
| SE                | . 1   | . 6           | 1.5         | 1.4      | , 2         | • 0     | • 0         |             |             |             |     | 3.0   | Γ   |
| SSE               | .0  | - 3           | . 7         | . 9      | 2           | • 0     | .0          |             |             |             |     | 2,1   | Γ   |
| \$                | . 1   | ز .           | . 6         | . 3      | Ç           | • 0     |             |             |             |             |     | 1.3   | Ī   |
| _ssw              | 0   |               | . 3         | . 3      |             |         |             |             |             |             |     | ្ពុព  |     |
| sw                | , co  | . 3           | 5           | . 5      | , 2         |         | .0          |             |             |             |     | 1.5   |     |
| wsw               | 0   |               | . 4         | . 5      | 13          |         | .0          | .0          |             |             |     | 1,5   | Ĺ   |
| w                 |   |               | 3           | . 4      | 3           | . 2     | . 1         |             |             |             |     | 1.5   |     |
| WNW               | - U   |               | 3           | . 4      | 1           | 1       |             | .0          |             |             |     | 1.1   | L   |
| NW                |   |               | 5           | . 4      |             | 1       | • 0         | 0           |             |             | ,   | 1,3   | Ĺ   |
| NNW               | انما  | . 3           | . 6         | . 3      | . 1         | .0      | .0          | ,0          |             |             |     | 1,4   |     |
| VARBL             |   |               |             |          |             |         |             |             |             |             |     |       |     |
| CALM              | ><  | $\geq \leq$   | $\geq \leq$ | $\geq <$ | $\geq \leq$ | ><      | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ><          | ><  | 1.5   |     |
|                   | 1.1   | 7.9           | 21.8        | 38.0     | 20.6        | 7.5     | 1.4         | . 2         |             |             |     | 100.0 |     |

TOTAL NUMBER OF OBSERVATIONS

13112

USAFETAC FORM 0-8-5 (OL-1) PRIVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

MATA PROGESSION - HANCH FTACVUSA: AIR EATHER SERVICEVIAGE

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 210 0   | SHENNET N ISLAND/PACIFIC IS | 46=72     | i f ii         |
|---------|-----------------------------|-----------|----------------|
| STATION | STATION NAME                | YEARS     | HONTH          |
|         | ALL                         | WI ATHEK  | ALL            |
|         | <del> </del>                | CLASS     | HOURS (L.S.T.) |
|         |                             | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED                         |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|---|
| N                       | 0     | . 4   | .7     | • 7     | . 3     | • 0     |         |         |         |         |      | 2.1   | 11.   |
| NNE                     | .0    |       | 9      | 2.3     | 8       | . 2     | . 0     | • 0     |         |         |      | 4.8   | 13.0  |
| NE                      | . 0   | , H   | 2.4    | 5.8     | 3,5     | . 9     | . 2     | •0      |         | 1       |      | 13.7  | 14.   |
| ENE                     | . 1   | . 4   | 3,3    | 12.5    | 9.3     | 2.5     | . 4     | • 0     |         |         |      | 28.9  | 15.0  |
| E                       | . 1   | 1.2   | 5.1    | 15.5    | 7.8     | 1.1     | .0      |         |         |         |      | 30.9  | 14.   |
| ESE                     | .0    | . 6   | 2.4    | 3,7     | 1.2     | • 1     |         |         |         |         |      | 8.3   | 12.   |
| SE                      | . 1   | . 0   | 1.3    | . 9     | . 2     | • 0     |         |         |         |         |      | 3.1   | 9.0   |
| SSE                     | .0    | . 4   | . 6    | , 5     | . 1     | • 0     |         |         |         |         |      | 1.5   | 9.4   |
| 5                       | .0    | , 3   | . 4    | . 3     | 0       | • 0     |         |         |         |         |      | 1.0   | 8,  |
| ssw                     | , C   | . 2   | , 2    |         | .0      |         |         |         |         |         |      | ٠. ٨  | 8.0   |
| sw                      | Ü     | , 2   | . 3    | . 1     | .0      | • 0     | 1       |         |         |         |      | . 5   | 7.  |
| wsw                     | . 0   | . 2   | . 2    | . 1     |         | • 0     |         |         |         |         |      | . 5   | 9,  |
| w                       |       | • 1   | . 3    | . 2     | .0      |         |         |         |         |         |      | . 7   | 9.4   |
| WNW                     | .0    | . 2   | . 1    | . 1     |         |         |         |         |         |         |      | . 4   | 7.1   |
| NW                      |       | . 2   | . 3    | . 2     | .0      |         |         |         |         |         |      | . 7   | 8.  |
| NNW                     |       | . 3   | . 3    | . 3     | . 1     |         |         |         |         |         |      | 1.0   | 9.  |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |      |       | . <u>.                                   </u> |
| CALM                    |       | ><    | ><     | ><      | ><      | ><      | ><      | ><      | > <     | ><      | ><   | 1.0   |   |
|                         | . 6   | 7.4   | 18.8   | 43.3    | 23.2    | 5.0     | . 7     | .0      |         |         |      | 100.0 | 13,   |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC  $\frac{\text{FOPM}}{\text{JUL 64}}$  0-8-5 (OL-1) revious editions of this form are obsolete

TATA PROCESSING ARABON STACZUSAF HIR EATTER SERVICET AC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21693   | SUBBIST N ISLAND/PACIFIC IS | 46-72     | - AR           |
|---------|-----------------------------|-----------|----------------|
| STATION | STATION NAME                | YEARS     | MONTH          |
|         | AL                          | L WEATHER | ALL            |
|         |                             | CLASS     | HOURS (L.S.T.) |
|         |                             |           |                |
|         |                             | CONDITION | -              |
|         |                             |           |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3      | 4 - 6 | 7 - 10   | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40  | 41 - 47     | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|-------|----------|-------------|-------------|---------|-------------|----------|-------------|-------------|-----|-------|-----------------------|
| N                       | , C        | . 4   | • 7      | . 6         | . 2         | 0       |             |          |             |             |     | 2.0   | 10.F                  |
| NNE                     | .0         | ک ۔   | 1.2      | 1.9         | 1.3         | . 7     | .0          |          |             |             |     | 5,6   | 14.3                  |
| NE                      | . 1        | . 7   | 2.6      | 7.7         | 6,7         | 2.0     | . 2         | . 0      |             | 1           |     | 19.9  | 15.6                  |
| ENE                     | . 1        | .6    | 3,7      | 12.0        | 12.3        | 4.9     | . 5         | . 1      |             |             |     | 34,7  | 16.5                  |
| E                       | . 1        | , B   | 4,3      | 12.1        | 6,2         | 1,2     | . 1         | .0       |             |             |     | 24,8  | 14.2                  |
| ESE                     | .0         | , 4   | 1.6      | 3.7         | 1,4         | • 2     | .0          |          |             | ļ           |     | 7,5   | 13.3                  |
| SE                      | .0         | 2     | 7        | 8           |             |         |             |          |             |             |     | 1.8   | 10.7                  |
| SSE                     | .0         | 1     | . 3      | 3           | . 0         |         |             |          |             |             |     | , 8   | 9.8                   |
| \$                      | <b>.</b> 0 | 1     | . 3      | . 3         | . 0         |         |             |          |             |             |     | , 7   | 10.2                  |
| ssw                     |            |       | 1        |             |             |         |             |          |             |             |     | , 3   | 9,9                   |
| 5W                      |            | 1     | . 2      | 1           | 1           |         |             |          |             |             |     | . 4   | 10.5                  |
| wsw                     |            |       | 2        | 1           | 0           |         |             |          |             |             |     | , 3   | 10.7                  |
| w                       | l          | 0     |          | 1           | 0           |         |             |          |             | 1           |     | , 2   | 11,1                  |
| WNW                     |            |       | 0        | - 0         |             |         |             |          |             | ļ           |     | , 1   | 8.0                   |
| NW                      |            | 1     |          |             | .0          |         |             |          |             |             |     | , 2   | 8.9                   |
| NNW                     |            |       | 1        | 1           | .0          |         |             |          |             |             |     | . 2   | 10.                   |
| VARBL                   |            |       |          |             |             |         |             |          |             | ļ           |     | ļ     |                       |
| CALM                    | $\geq <$   | ><    | $\times$ | $\geq \leq$ | $\geq \leq$ | ><      | $\geq \leq$ | $\times$ | $\geq \leq$ | $\geq \leq$ | ><  | . 4   |                       |
|                         | 4          | 4.1   | 16.2     | 40.5        | 28.4        | 9.1     | . 6         | .1       |             |             |     | 100.0 | 14.                   |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

TATA PROFESSING TRANCH TACTUSA: AIR EATHER RELVICETING

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| JUMNST NO ISLAND/PACIFIC IS | 45=72        | <sub>A</sub> P k                 |
|-----------------------------|--------------|----------------------------------|
| STATION NAME                | YEARS        | MONTH                            |
| ALL                         | . REATHER    | غدل                              |
|                             | CLASS        | HOURS (L.S.T.)                   |
|                             |              |                                  |
|                             | CONDITION    |                                  |
|                             | STATION NAME | STATION HAME  ALL MEATHER  CLASS |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3      | 4 - 6      | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55           | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|------------|--------|----------|---------|---------|---------|---------|---------|-------------------|------|-------|-----------------------|
| Z                       | . 1        |            | . 4    | . 4      | . 2     | • 0     |         |         |         |                   |      | 1.1   | 10.5                  |
| NNE                     | .0         | . 2        | .6     |          | . 4     | . ()    |         |         |         | <u> </u>          |      | 2.2   | 12.                   |
| NE                      | , 0        | . 4        | 1.6    | 5.7      | 4,9     | 1.4     | . 1     | • 0     |         |                   |      | 14.1  | 15.7                  |
| ENE                     | .0         | .5         | 3.2    | 14.3     | 13.0    |         | . 3     |         |         | 1                 |      | 35.6  | 16.4                  |
| E                       | . 1        | . 6        | 5.4    | 19.3     | 7.6     | 1.2     | • 0     |         |         |                   |      | 34.2  | 14.2                  |
| ESE                     | ٥٠         | . 2        | 1.4    | 3.4      | . 9     | . 2     | • 0     |         |         | 1                 |      | 6.2   | 13,2                  |
| SE                      | .0         | . 2        | .7     | 1.0      | . 2     | . 0     |         |         |         |                   |      | 2.1   | 11.5                  |
| SSE                     |            | . 2        | . 4    | . 6      | . 1     | .0      |         |         |         |                   |      | 1.7   | 11.0                  |
| S                       | . 0        | . 1        | . 3    | . 3      | • 0     |         |         |         |         |                   |      | . 8   | 9.4                   |
| ssw                     | <b>.</b> a | .0         | • 1    | . 1      |         |         |         |         |         |                   |      | .2    | 9.5                   |
| sw                      | .0         | .2         | • 1    | .2       | .0      |         |         |         |         |                   |      | . 5   | 9.4                   |
| wsw                     |            | . 1        | . 1    | . 1      | .0      |         |         |         |         |                   |      | • 3   | 9.7                   |
| w                       |            | • 1        | . 2    | • 1      | • 0     |         |         |         |         |                   |      | . 4   | 9,3                   |
| WNW                     | , CI       | <b>,</b> d | .0     | . 0      |         |         |         |         |         |                   |      | 1.    | 8,0                   |
| NW                      |            | . 1        | . 1    | • 0      | .0      |         |         | -       |         |                   |      | .2    | 8.1                   |
| NNW                     | • 0        | • 1        | . 1    |          | • 1     | • a     |         |         |         |                   |      | . 3   | 10.9                  |
| VARBL                   |            |            |        |          |         |         |         |         |         |                   |      |       | _                     |
| CALM                    | $\times$   | ><         | ><     | $\geq <$ | ><      | ><      | ><      | ><      | > <     | $\supset \subset$ | > <  | . 4   |                       |
|                         | . 3        | 3.2        | 14.7   | 46.4     | 27.4    | 7.2     | .4      | • a     |         |                   |      | 100.0 | 14.5                  |

USAFETAC  $\frac{\text{FORM}}{\text{JUL-64}}$  0.8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

LATA PRINCESSING RRANCH ATACZUSAF AIR PEAT EF SERVICEZMAC

2

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216 3   | JUNNSTON ISLAND/PACIFIC IS | 45=77     | 71 A Y         |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | ALL            |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|-------------|-----|-------|-----------------------|
| z                       | .0    | • 1   | •1     | •0      | 0       |         |         |         |         |             |     | . 2   | 8.                    |
| NNE                     | 0     | 1     | . 2    | . 3     | . 1     | .0      | •       |         |         | -           |     | . 7   | 12,                   |
| NE                      | .0    | . 4   | 1.3    | 6.7     | 3.4     | . 6     | •0      | .0      |         |             |     | 12.4  | 14,                   |
| ENE                     | .0    | . 4   | 2,9    | 16.1    | 13.5    | 3.4     | • 1     |         |         |             |     | 36.5  | 16,                   |
| E                       | . 1   | 1.1   | 5.8    | 23,5    | 8,6     | , 9     | • 0     |         |         |             |     | 40.0  | 13                    |
| ESE                     | 0     | 4     | 1.6    | 3.5     | . 8     | • 1     | .0      |         |         |             |     | 6.4   | 12                    |
| SE                      |       | 4     | . 8    | •6      | .0      |         |         |         |         |             |     | 1.9   | 9                     |
| SSE                     | , C   | 1     | 3      | . 2     | . 0     |         |         |         |         |             |     | . 7   | 9                     |
| S                       |       | 1     | 1      | 2       |         |         |         |         | _       |             |     | . 4   | 6,                    |
| ssw                     |       | • 0   | . 0    |         |         |         |         |         |         |             |     | . 1   | 5                     |
| sw                      | ان    | .0    | .0     | .0      | .0      |         |         |         |         |             |     | , l   | 7                     |
| wsw                     | Ç.    | Q     |        |         |         |         |         |         |         |             |     | • 0   | 4                     |
| w_                      | , O   | · U   | .0     |         |         |         |         |         |         |             |     | , 1   | . 4                   |
| WNW                     |       | .0    | 0      | 0       |         |         |         |         |         |             |     | .0    | 7                     |
| NW                      |       | .0    |        |         |         |         |         |         |         |             |     | .1    | 6.                    |
| NNW                     | O     | .0    | .0     |         |         |         |         |         |         |             |     | .0    | 5                     |
| VARBL                   |       |       |        |         |         |         |         |         |         |             |     |       |                       |
| CALM                    | ><    | ><    | ><     | ><      | ><      | ><      | ><      | ><      | > <     | $\supset <$ | ><  | . 4   |                       |
|                         | . 4   | 3.3   | 13.3   | 51.0    | 26.5    | 5.1     | . 1     | . 0     |         |             |     | 100.0 | 14                    |

TOTAL NUMBER OF OBSERVATIONS 14372

USAFETAC FORM | 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

.. ATA PRESISSING RAPCA FTAEZUSAS HIR SEATSER ERVICEZOSE

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 2160.   | JOHNST - ISLAND/PACIFIC IS | 45=72       |       | 3 i ) · v      |
|---------|----------------------------|-------------|-------|----------------|
| BOSTATE | STATION NAME               |             | YEARS | MONTH          |
|         |                            | ALL WEATHER |       | ALL            |
|         |                            | CLASS       |       | HOURS (L.S.T.) |
|         |                            |             |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10      | 11 - 16  | 17 - 21     | 22 - 27  | 28 - 33  | 34 - 40     | 41 - 47     | 48 - 55 | ≥56 | %        | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|----------|-------------|----------|-------------|----------|----------|-------------|-------------|---------|-----|----------|-----------------------|
| N                       |          | - 0      | •0          | • 0      |             |          |          |             |             |         |     | .0       | 7.8                   |
| NNE                     |          |          | .1          | . 1      | .0          | • 0      |          |             |             |         |     | . 2      | 13.0                  |
| NE                      | . 0      | . 2      | . 6         | 2.9      |             |          |          |             |             |         |     | 5.3      | 13.9                  |
| ENE                     | .0       | . 3      | 3.1         | 17.4     | 14.1        | 2.9      | . 1      |             |             |         |     | 37.9     | 15.9                  |
| E                       | .0       | . 6      | 6.6         |          |             | 1.2      | • 0      |             |             |         |     | 48.0     | 14.1                  |
| ESE                     |          | . 3      | 1.4         | 4.3      | . 7         | . 1      |          |             |             |         |     | 6.7      | 12.7                  |
| SE                      | . 0      | . 2      | , 5         | . 4      | . 1         | .0       |          |             |             |         |     | 1.1      | 10.1                  |
| SSE                     | .0       | 1        | - 1         | 1        | .0          | .0       |          |             |             |         |     | . ?      | 10.3                  |
| \$                      | .0       | 1        | 1           |          |             |          |          |             |             |         |     | . 2      | 5,9                   |
| SSW                     | .0       | ,0       | .0          |          |             |          |          |             |             |         |     | . 1      | 5.8                   |
| SW                      |          | • 0      |             |          |             |          |          |             |             |         |     | .0       | 4,5                   |
| wsw                     |          | • ()     |             |          |             |          |          |             |             | ļ       |     | .0       | 5.0                   |
| w                       |          | - 0      |             | 0        |             |          |          |             | <u> </u>    |         |     | .0       | 9,5                   |
| WNW                     |          | Q        |             |          |             |          |          |             |             |         |     | .0       | 5.0                   |
| NW                      |          |          | Q           |          |             |          |          |             |             |         |     | .0       | 7,0                   |
| NNW                     | ļi       |          |             |          |             |          |          |             |             |         |     | <b> </b> |                       |
| VARBL                   | <b>_</b> |          |             |          |             |          |          |             |             | Ļ       |     |          |                       |
| CALM                    | X        | $\geq <$ | $\geq \leq$ | $\geq <$ | $\geq \leq$ | $>\!\!<$ | $\geq <$ | $\geq \leq$ | $\geq \leq$ | ><      | ><  | • 1      |                       |
|                         |          | 1.9      | 12.6        | 55.0     | 25,9        | 4.3      | . 1      |             |             |         |     | 100.0    | 14.6                  |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING BRANCH ETAC/USAF AIR FEATHER SERVICE/MAC

2

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21693_  | _3048           | JOHNSTON ISLAND/PACIFIC IS 45-71 |        |        |         |         |         |         |         | JUL     |         |      |             |              |  |
|---------|-----------------|----------------------------------|--------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------------|--------------|--|
| STATION |                 |                                  | STATIC | N MAME |         |         |         |         |         | YEARS   |         |      |             |              |  |
|         |                 |                                  |        |        |         | ALL W   | EATHER  |         |         |         |         |      |             | ALL          |  |
|         |                 | _                                |        |        |         |         | LASS    |         |         |         |         |      | HOU         | #\$ (L.S.T.) |  |
|         |                 |                                  |        |        |         |         |         |         |         |         |         |      |             |              |  |
|         |                 | -                                |        |        |         | COI     | DITION  |         |         |         |         |      |             |              |  |
|         |                 |                                  |        |        |         |         |         |         |         |         |         |      |             |              |  |
|         |                 | -                                |        |        |         |         |         |         |         |         |         |      |             |              |  |
|         |                 |                                  |        |        |         |         |         |         |         |         |         |      |             |              |  |
| ſ       | SPEED<br>(KNTS) | 1.3                              | 4.6    | 7 - 10 | 11 - 16 | 17 . 21 | 22 . 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 . 55 | > 56 | <del></del> | MEAN         |  |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47  | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|----------|---------|---------|---------|---------|---------|----------|---------|------|-------|-----------------------|
| N                       |       | .0    | .0       | .0      |         |         |         |         |          |         |      | .0    | 8.4                   |
| NNE                     |       | .0    | . 3      | . 2     | .0      |         |         |         |          |         |      | . 5   | 10.9                  |
| NE                      | .0    | -1    | 1.3      | 4.2     | 1.6     | . 3     |         |         |          |         |      | 7,4   | 14.                   |
| ENE                     | .0    | ٠2    |          | 21.0    | 12,5    | 1.1     | .0      |         |          |         |      | 39,1  | 15.0                  |
| E                       |       | ,6    | 6.7      | 31.1    | 6.3     | 1.2     | • 0     |         |          |         |      | 45,9  | 13.                   |
| ESE                     | .0    | , 2   | 1.2      | 3,6     | ,9      | . 0     |         |         |          |         |      | 5,3   | 13.                   |
| SE                      | .0    | .0    | .2       | . 3     | . 1     |         |         |         |          |         |      | .6    | 12.0                  |
| SSE                     |       | .0    | .0       | .0      | .0      | .0      | .0      |         |          |         |      | . 1   | 13.                   |
| 5                       |       | 0     | . 0      | .0      |         |         |         |         |          |         |      | • 0   | 9,                    |
| SSW                     |       |       |          |         |         |         |         |         |          |         |      |       |                       |
| sw                      |       |       |          |         |         |         |         |         |          |         |      |       |                       |
| wsw                     |       |       |          |         |         |         |         |         |          |         |      |       |                       |
| w                       | .0    |       | .0       |         |         |         |         |         |          |         |      | •0    | 4.                    |
| WNW                     |       | . 0   |          |         |         |         |         |         |          |         |      | 0     | 5.(                   |
| NW                      |       |       |          |         |         |         |         |         |          |         |      |       |                       |
| NNW                     |       |       |          | . 0     |         |         |         |         |          |         |      | • 0   | 12.0                  |
| VARBL                   |       |       |          |         |         |         |         |         |          |         |      |       |                       |
| CALM                    | ><    | ><    | $\times$ | ><      | ><      | ><      | ><      | >>      | $\geq <$ | ><      | ><   | . 3   |                       |
|                         | . 1   | 1.1   | 14.2     | 60.4    | 21.3    | 2.6     | . 1     |         |          |         |      | 100.0 | 14.                   |

TOTAL NUMBER OF OBSERVATIONS 14390

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PRICESSING MARKON ETACZUSA: ZIR EATHER HERVICEZINAC

2

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 2166 +  | JOHNSTON ISLAND/PACIFIC IS | 45-71    | a/J6           |
|---------|----------------------------|----------|----------------|
| STATION | STATION NAME               | YEARS    | MONTH          |
|         | ALL                        | WEATHER  | ALL            |
|         |                            | CLASS    | HOURS (L.S.T.) |
|         |                            |          |                |
|         | co                         | DIDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4-6 | 7 - 10 | 11 - 16  | 17 - 21  | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-----|--------|----------|----------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| z                       | .0       |     | • 0    | • 0      | .0       | • 0     |         |         |         |         |      | . 1   | 12.                   |
| NNE                     | .0       | Ų   | . 2    | . 2      | . 0      |         |         |         |         |         |      | .4    | 11.                   |
| NE                      |          | . 2 | 1.9    | 3.3      | 1.7      | • 1     | _ • 0   |         |         |         |      | 7.2   | 13,                   |
| ENE                     | .0       | . 2 | 4.6    | 18.0     | 11.8     | 1.8     | . 2     | •0      |         |         |      | 37.2  | 15.                   |
| E                       | .0       | . 3 | 7.0    | 30.0     | 7.8      | . 9     | • 0     |         |         |         |      | 45.9  | 13.                   |
| ESE                     | .0       | - 1 | 1.4    | 4.9      | 1.0      | • 1     | • 0     |         |         |         |      | 7.4   | 13.                   |
| SE                      | .0       | . 1 | , 3    | . 3      | . 1      | - 1     |         |         |         |         |      | .9    | 13,                   |
| SSE                     |          | .0  | .0     | . 1      | .0       | • 0     |         |         |         |         |      | . 1   | 13,                   |
| 5                       | .0       | .0  | • 1    | .0       |          |         | 0       |         |         |         |      | . 2   | 9,                    |
| ssw                     | ,0       |     | .0     | .0       |          |         |         |         |         |         |      | . 1   | 7,                    |
| sw                      | .0       | .0  | .0     |          |          |         |         |         |         |         |      | .0    | 4.                    |
| wsw                     |          |     |        |          |          |         |         |         |         |         |      |       |                       |
| w                       |          | .0  |        | .0       |          |         |         |         |         |         |      | .0    | 7,                    |
| WNW                     |          |     |        |          |          |         |         |         |         |         |      |       |                       |
| NW                      |          |     |        |          |          |         |         |         |         |         |      |       |                       |
| мим                     |          |     |        | . 0      |          |         |         |         |         |         |      | • 0   | 12,                   |
| VARBL                   |          |     |        |          |          |         |         |         |         |         |      |       |                       |
| CALM                    | $\geq <$ | ><  | ><     | $\geq <$ | $\geq <$ | ><      | ><      | ><      | $\geq$  | ><      | > <  | . 2   |                       |
|                         | . 1      | . 9 | 15.4   | 57.6     | 22,5     | 3.0     | . 3     | .0      |         |         |      | 100.0 | 14,                   |

TOTAL NUMBER OF OBSERVATIONS 14539

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Angle South Control

DATA PROCESSING PRANCH ETAC/USAF AIR EATHER SERVICE/MAC

WNW

VARBL

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                         | NST A 1 | STATION | MANE   | <u> </u> |         | 42      | - / 1       |         | EARS    |               |     |      | ) L P                 |
|-------------------------|---------|---------|--------|----------|---------|---------|-------------|---------|---------|---------------|-----|------|-----------------------|
|                         |         |         |        |          |         | EATHER  | <del></del> |         |         |               |     |      | A L L                 |
|                         | _       |         |        |          | COM     | KOITIGI |             |         |         | <del></del> - |     |      |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3   | 4 - 6   | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47 | 48 - 55       | ≥56 | %    | MEAN<br>WIND<br>SPEED |
| N                       | .0      | . 1     | .0     | .0       | .0      |         |             |         |         |               |     | . 2  | 6.                    |
| NNE                     | -c      | -1      | . 3    | .1       |         | 0 0     |             |         |         |               |     | .6   |                       |
| NE                      |         | 2       | 2.3    | 3.7      | 1.3     | 1       |             |         |         |               |     | 7.6  | 12,                   |
| ENE                     | . 1     | , 7     | 5.8    |          |         |         | . 1         | • 0     |         |               |     | 36,9 |                       |
| E                       | 1       | 1.0     |        | 26.1     | 6.2     | .6      | .0          |         |         |               |     | 43.9 | 13.0                  |
| ESE                     |         | , 5     | 2.3    | 3,5      | . 6     |         |             |         |         | L             |     | 7.0  | 11.                   |
| SE                      | - 1     | . 2     | , 7    | . 5      | . 1     | . 0     | . 0         |         |         |               |     | 1.5  | 10.                   |
| SSE                     | . 0     | .1      | . 2    | 1        | Q       |         |             |         |         |               |     | , 4  | 8 . !                 |
| \$                      | 9       | . 1     |        | . 1      | 0       |         |             |         |         |               |     | . 4  | 8,2                   |
| ssw                     | , Ç     | . 2     | 1      | .0       | .0      |         |             |         |         |               |     | . 4  | 7,7                   |
| sw                      | 0       | 1       | -1     | Ų        | .0      |         |             |         |         |               |     | . 2  | 7,0                   |
| 1448114                 | 0       | 1       |        |          |         |         |             |         |         |               |     | . 1  | 7.                    |

TOTAL NUMBER OF OBSERVATIONS

13676

USAFETAC  $_{\rm JUL~64}^{\rm FORM}$  0-8-5 (OL-1) Previous editions of this form are obsolete

2

DATA PROFESSIN SKANCH ETACZUSAT AIR SEATSER SESVICEZZAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21600   | JO MISTON ISLAND/PACIFIC IS | 45=71     | UΤ             |
|---------|-----------------------------|-----------|----------------|
| STATION | STATION NAME                | YEARS     | MONTH          |
|         | ALL                         | . WEATHER | <b>ձև </b>     |
|         |                             | CLASS     | HOURS (L.S.T.) |
|         |                             |           |                |
|         |                             | -AUBINIAN |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40  | 41 - 47 | 48 - 55 | ≥56 | %          | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|----------|---------|---------|-----|------------|-----------------------|
| N                       | .0    | • 1   | .2     | .1      | .0      |         |         |          |         |         |     | . 4        | 8,6                   |
| NNE                     |       | . 2   | . 4    | . 3     | .0      |         |         |          |         |         |     | 1.0        | 1C.4                  |
| NE                      | . 1   | , 3   | 1.7    | 4.0     | 2.5     | . 3     | .0      | .0       |         |         |     | 8.9        | 14.1                  |
| ENE                     | .0    | ,6    | 5.9    | 15.9    | 11.5    | 2.3     | •0      |          |         |         |     | 36.4       | 15.0                  |
| E                       | . 1   | . 8   | 7.0    | 22.7    | 7.8     | 1,6     | • 0     |          |         |         | -   | 40.0       | 13.9                  |
| ESE                     | .0    | , 3   | 1.7    | 4.1     | 1.4     | . 3     | •0      |          |         |         |     | 7.8        | 13.5                  |
| SE                      | . 1   | . 3   | . 8    | . 7     | . 2     | • 1     | .0      |          |         |         |     | 2.2        | 10.9                  |
| SSE                     | .0    | . 2   | . 3    | , 2     | .0      | • 0     |         |          |         |         |     | • R        | 9,6                   |
| S                       | .0    | • 1   | ۶,     | . 3     | 1       | • 1     |         |          |         |         |     | . 8        | 12.3                  |
| ssw                     | .0    | .0    | . 1    | . 1     | . 1     | .0      |         |          |         |         |     | . 4        | 12.3                  |
| sw                      | .0    | .0    | .1     | , 1     | ,0      | .0      |         |          |         |         |     | • 2        | 11.5                  |
| wsw                     | . 0   | .0    | .0     | . 1     | .0      |         |         |          |         |         |     | 1.         | 9.8                   |
| w                       | .0    | • 0   | . 1    | • 0     |         |         |         |          |         |         |     | . 1        | 8.1                   |
| WNW                     | .0    | • 0   | , 0    |         |         |         |         |          |         |         |     | . 1        | 6.3                   |
| NW                      |       | • 0   | • 0    | .0      |         |         |         |          |         |         |     | . 0        | 9.2                   |
| NNW                     | . 0   | .0    | • 0    | . 0     |         |         |         |          |         | -       |     | . 1        | 8,6                   |
| VARBL                   |       |       |        |         |         |         |         |          |         |         |     |            |                       |
| CALM                    | ><    | ><    | ><     | ><      | ><      |         | ><      | $\times$ | >>      |         | > < | <b>.</b> 6 |                       |
|                         | . 5   | 3.0   | 18.5   | 48.6    | 23.9    | 4.7     | . 1     | •        |         |         |     | 100.0      | 14.0                  |

TOTAL NUMBER OF OBSERVATIONS

14118

USAFETAC  $_{
m JUL~64}^{
m FORM}$  0-8-5 (OL-1) Previous editions of this form are obsolete

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DATA PROCESSING BRANCH ETAC/USAF AIR REATHER SERVICE/DAC

2

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 2160    | JOHANST IN ISLAND/PACIFIC IS | 45-71   | 5 f <b>V</b>   |
|---------|------------------------------|---------|----------------|
| STATION | STATION NAME                 | YEARS   | MONTH          |
|         | ALL                          | NEATHER | ALL            |
|         |                              | CLASS   | HOURS (L.S.T.) |
|         |                              |         |                |
|         | CC                           | MOITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10   | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47  | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|----------|---------|----------|---------|-------------|---------|----------|-------------|-----|-------|-----------------------|
| N                       | C           |       | , 3      | , 3     | . 2      | • 1     | • 0         |         |          |             |     | 1.3   | 12.6                  |
| NNE                     | .0          |       |          | . 8     | . 6      | . 1     |             |         |          |             |     | 2,1   | 13,2                  |
| NE                      | . 1         | 4     | 1.4      | 3.2     | 2.1      | . 4     | .0          |         |          |             |     | 7.5   | 14.1                  |
| ENE                     | . 1         | . 0   | 3,9      | 15,4    | 11.6     | 2.4     | . 1         | • 0     |          |             |     | 34.0  | 15.4                  |
| E                       | . 1         | . 8   | 4.6      | 20.5    | 11.8     | 1,7     | .0          |         |          |             |     | 39.6  | 14.9                  |
| ESE                     | 1           | , 3   | 1.7      | 3.6     | 1,4      | . 2     |             |         |          |             |     | 7.3   | 13.2                  |
| SE                      |             | . 4   | 1.1      | 1.1     | . 2      | • 0     | .0          |         |          |             |     | 3 . C | 10.9                  |
| SSE                     | . 0         | . 2   |          | . 3     | . 1      |         | • 0         | •0      |          |             |     | 1.1   | 12.1                  |
| S                       | .0          | . 2   | . 3      | . 2     |          | 1       | 0           | .0      | • 0      |             |     | • 3   | 12,0                  |
| SSW                     | Ç           |       | . 2      | . 1     | .0       |         | . 0         |         |          |             |     | . 4   | 8,3                   |
| sw                      | .0          | . 2   | . 3      | . 2     |          | 0       |             |         |          |             |     | . 7   | 9,6                   |
| wsw                     | ١           | 1     |          | .0      |          |         |             |         |          |             |     | . 3   | 8.1                   |
| w                       | . 0         | 0     |          | . 1     |          |         |             |         |          |             |     | . 2   | 8.4                   |
| WNW                     |             | . 1   |          | .0      | .0       |         |             |         |          |             |     | . 1   | 8.4                   |
| NW                      | ان م        |       | 9        | . 1     |          |         |             |         |          |             |     | 2     | 8.9                   |
| NNW                     |             | .1    |          | . 2     | . 2      | . 0     |             |         |          |             |     | , 5   | 13,9                  |
| VARBL                   |             |       |          |         |          |         |             |         |          |             |     |       |                       |
| CALM                    | $\geq \leq$ | ><    | $\times$ | ><      | $\geq <$ | ><      | $\geq \leq$ | ><      | $\times$ | $\geq \leq$ | ><  | • "   |                       |
|                         | . 0         | 4 a D | 15.1     | 46.0    | 28.2     | 2.1     | . 3         | . 1     | .0       |             |     | 100.0 | 14.5                  |

TOTAL NUMBER OF OBSERVATIONS

13215

USAFETAC FORM 0-8-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

The training of the same

DATA PROCESSING MRANCH FTAC/USA-AIR FEATTER TERVICE/ AC

2

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JOHNST N ISLAND/PACIFIC IS | 45-71     | . E C          |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 466            |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3          | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33  | 34 - 40 | 41 - 47     | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------------|----------|--------|---------|---------|---------|----------|---------|-------------|---------|-----|-------|-----------------------|
| N                       | .1             | . 3      | .5     | .6      |         | • 0     |          |         |             |         |     | 1.0   | 10.4                  |
| NNE                     | .0             | .3       | . 8    | 1.5     | 1.0     | . 5     |          | • 0     |             |         |     | 4.2   | 14.8                  |
| NE                      | . 0            | . 5      | 2.1    | 5.0     | 5,3     | 2.6     | . 2      | .0      |             |         |     | 15.7  | 16.5                  |
| ENE                     | . 1            | .7       | 4.0    | 10.8    | 10.8    | 3.2     | . 2      | • 0     |             |         |     | 29.8  | 15.8                  |
| E                       | . 1            | . 9      | 5,2    | 13.8    | 9,1     | 2.2     | . 1      |         |             |         |     | 31.3  | 14.8                  |
| ESE                     | , <del>a</del> | . 3      | 1.8    | 3.2     | 1.4     | . 3     | •0       |         |             |         |     | 7,1   | 13,4                  |
| SE                      | , 1            | . 3      | . 8    |         | . 2     | . 2     |          |         |             |         |     | 2.4   |                       |
| SSE                     | , a            | . 2      | , 4    | , 5     | , 3     | . 1     | .0       | •0      |             |         |     | 1.5   | 13.1                  |
| S                       | • 0            | . 2      | . 4    | . 4     | , 1     | . 1     |          |         |             |         |     | 1.1   | 11.5                  |
| ssw                     | . 0            | • 1      | , 2    |         | , 1     | . 1     | . 1      | ,0      |             |         |     | 1.0   | 16.0                  |
| sw                      |                | . 1      | . 2    | . 3     | . 1     | . 1     | .0       | • 0     |             |         |     | . 9   | 13.1                  |
| wsw                     | ្រ             | . 1      | .1     | . 2     | , 1     | . 1     | .0       | •       |             |         |     | . 6   | 13,4                  |
| w                       | . 4            | ٠١       | . 1    |         | .0      | • 0     | .0       |         |             |         |     | . 5   | 11,1                  |
| WNW                     | . 0            | .1       | , 2    | . 1     | .0      | . 0     |          |         |             |         |     | , 4   | 10.3                  |
| NW                      | U              | . 1      | ۶,     | . 1     | .0      | .0      |          |         |             |         |     | . 4   |                       |
| NNW                     | . 0            | , 2      |        | . 1     | .0      |         |          |         |             |         |     | . 6   | 8.4                   |
| VARBL                   |                |          |        |         |         |         |          |         |             |         |     |       |                       |
| CALM                    |                | $\geq <$ | ><     | ><      | $\geq$  | ><      | $>\!\!<$ | ><      | $\geq \leq$ |         |     | . 7   |                       |
|                         | , e            | 4.4      | 17.2   | 37,4    | 28.7    | 9.6     | . 8      | • 1     |             |         |     | 100.0 | 14.9                  |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH FTAC/USAF AIR "EATHER SERVICE/HAC

2

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u>_</u> jį            | 1 INS    | F:314 I | SLAND/F     | ACIFIC      | C 15    |             | 46       | -72     |          | TARS        |             |     | - — <u>.</u> | Δ ×                                  |
|------------------------|----------|---------|-------------|-------------|---------|-------------|----------|---------|----------|-------------|-------------|-----|--------------|--------------------------------------|
|                        |          | _       |             |             |         |             | EATHER   |         |          |             |             |     |              | 0200                                 |
|                        |          | _       |             |             |         | CON         | DITION   |         |          |             |             |     |              |                                      |
| SPEED<br>(KNTS<br>DIR. | )        | 1 - 3   | 4 - 6       | 7 - 10      | 11 - 16 | 17 - 21     | 22 - 27  | 28 - 33 | 34 - 40  | 41 - 47     | 48 - 55     | ≥56 | %            | MEAN<br>WIND<br>SPEED                |
| N                      | _        | . 1     | . 8         | . 9         | • 7     | .7          |          | .4      |          |             |             |     | 3.7          | 12.4                                 |
| NNE                    |          | _ 1     | . 4         | . 7         | 1.7     | 1.5         | .6       | . 2     |          |             |             |     | 5,1          | 15.6<br>16.2<br>14.9                 |
| NE                     |          | . 1     | .7          | 1.7         | 4.6     | 4,6         | 1.9      | , 3     | , 2      |             |             |     | 14.2         | 16.2                                 |
| ENE                    |          | . 1     | 1.7         | 3.9         | 9.8     | 6.1         | 3.2      | . 2     |          |             |             |     | 25.1         | 14.9                                 |
| E                      |          | . 1     | 1.4         | 5,6         | 11.1    | 5,9         | . 8      |         |          | •           |             |     | 24.8         | 13.4                                 |
| ESE                    |          | 1       | , 5         | 2.9         | 4.0     | 1,6         | . 3      | _       |          |             |             |     | 9.7          | 12.8                                 |
| SE                     |          | 1       | . 8         | 1.3         | 1.3     |             |          |         |          | Ĺ           |             |     | 3,5          | 9.7                                  |
| SSE                    |          |         | , 2         | . 5         | 1.3     | , 4         | . 2      |         |          |             |             |     | 2,6          | 13.3<br>10.9<br>10.0<br>12.4<br>15.9 |
| \$                     |          |         |             | . 7         | . 5     | . 2         |          |         |          |             |             |     | 1,4          | 10.9                                 |
| SSW                    | <u> </u> |         |             | 3           | . 2     |             |          |         |          |             |             |     | . 5          | 10.0                                 |
| sw                     |          |         |             | . 4         | . 6     |             | 1        | - 1     |          |             |             |     | 1.5          | 12,4                                 |
| WSW                    | ,        |         | 1           | 2           | 6       | 3           | . 2      | 1       |          |             |             |     | 1.5          | 15.9                                 |
| w                      |          |         | 2           | . 3         | 2       | 3           | 2        |         |          |             |             | L   | 1,2          | 13.1                                 |
| WNW                    | • #      | 1       | 2           | 2           | 6       |             | 1        |         |          |             | L           |     | 1.0          | 10.8                                 |
| NW                     |          |         |             | 6           | 7       | 1           | 1        |         |          |             |             | 11  | 1.5          | 11.4<br>7.8                          |
| NNW                    | <u> </u> | 1       | . 3         |             |         | 1           |          |         |          |             |             | ļ   | 1.0          | 7.8                                  |
| VARB                   | <u> </u> |         |             |             |         |             |          |         |          |             |             |     |              |                                      |
| CALM                   | 4        | ><      | $\geq \leq$ | $\geq \leq$ | ><      | $\geq \leq$ | $\geq <$ | ><      | $\geq <$ | $\geq \leq$ | $\geq \leq$ | ><  | 1.6          |                                      |
|                        | _        |         |             |             |         |             |          | -       |          |             |             |     |              |                                      |

TOTAL NUMBER OF OBSERVATIONS

1635

USAFETAC  $\frac{\text{FORM}}{\text{JUL-64}}$  0.8-5 (Oi-1) previous editions of this form are obsolete

DATA PROCESSING FRANCH ETAC/USA: AIR LEAT-ER SERVICE/CAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JOHNST IN ISLAND/PACIFIC IS                        | 46=72     | ي، ∆ ل         |
|---------|--|-----------|----------------|
| STATION | STATION NAME                                       | YEARS     | NONTH          |
|         | AL   | L WEATHER | 0300-0500      |
|         |  | CLASS     | HOURS (L.S.Y.) |
|         |  |           |                |
|         | · <del>- · · · · · · · · · · · · · · · · · ·</del> | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16    | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40  | 41 - 47  | 48 - 55  | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|------------|---------|---------|---------|----------|----------|----------|-----|-------|-----------------------|
| N                       | . 1   | 1.3   | . 9    | . 7        | . 4     | . 3     | . 3     |          |          |          |     | 4.0   | 11.8                  |
| NNE                     | . 1   | . 3   | . 9    | 1.7        | 1.0     | . 6     |         |          |          |          |     | 4.4   | 15.7                  |
| NE                      | . 1   | 1.2   | 2.0    | 4.7        | 4,1     | 2.1     | . 5     |          |          |          |     | 14.6  | 15,5                  |
| ENE                     | . 2   | 1.6   | 4.2    |            | 6.9     | 2.8     | • 2     |          |          |          |     | 25.5  | 14.7                  |
| E                       | . 1   | 1.7   | 5.7    | 12.0       | 4.3     | . 7     |         |          |          |          |     | 24.4  | 13.0                  |
| ESE                     | . 1   | .6    | 2,5    | 3.9        | 1.8     | . 4     | • 1     |          |          |          |     | 9.3   | 13.0                  |
| SE                      | . 1   | . 5   | 1.8    | 1.2        | , 2     |         |         |          |          |          |     | 3.0   | 10.1                  |
| SSE                     |       | . 4   | .6     | 1.0        | . 1     | . 1     |         |          |          |          |     | 2.1   | 11.2                  |
| S                       | . 1   | • 1   | • 7    | . 4        |         |         |         | _        |          |          |     | 1.3   | 9,2                   |
| ssw                     | i I   |       | , 3    | . 4        |         |         |         |          |          |          |     | . 7   | 10.8                  |
| sw                      |       | 2     | . 7    | . 4        | 1       |         |         |          |          |          |     | 1.3   | 10.5                  |
| wsw                     | . 1   | ٠ ١   | . 3    | , b        | . 5     | • 1     | .1      | . 1      |          |          |     | 2.0   | 15.2                  |
| w                       |       | . 1   |        | , 6        | , 2     | , 2     |         |          |          |          | i   | 1,5   |                       |
| WNW                     |       | 1     | , 2    | . 3        | . 1     |         |         |          |          |          |     | . 7   | 10.6                  |
| NW                      |       |       | ٥      | 4          | 1       | . 1     | • 1     | 1        |          |          |     | 1.2   | 14.5                  |
| NNW                     |       | . 0   | . 4    |            |         |         |         | . 1      |          |          |     | 1.4   | 10.2                  |
| VARBL                   |       |       |        |            |         |         |         | İ        |          |          |     |       |                       |
| CALM                    | ><    | ><    | ><     | $\nearrow$ | ><      | ><      | > <     | $\geq <$ | $\geq <$ | $\geq <$ | ><  | 1.2   |                       |
|                         | . 9   | 9.1   | 21.9   | 38,2       | 19.6    | 7.2     | 1.7     | , 2      |          |          |     | 100.0 | 13,5                  |

TOTAL NUMBER OF OBSERVATIONS 16

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PATA PROCESSING KRANCH ETACHUSAH HIR EATHER SERVICEHHAC

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| ) )      | <u> </u>                | 15 T 11 V I | SLA: 7   | PACIFI      | <u>C 15</u> |             | 40             | -72     |             | YEARS       |              |     |      | JAI.                  |
|----------|-------------------------|-------------|----------|-------------|-------------|-------------|----------------|---------|-------------|-------------|--------------|-----|------|-----------------------|
|          |                         |             |          |             |             | ALL W       | FATHER<br>LASS |         |             |             |              |     |      | 0-0800<br>(U.S.T.)    |
|          |                         | -           |          |             |             | COM         | (D) TION       |         |             |             |              |     |      |                       |
|          | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27        | 28 - 33 | 34 - 40     | 41 - 47     | 48 - 55      | ≥56 | %    | MEAN<br>WIND<br>SPEED |
|          | N                       | .1          | . 6      | 1.3         | . 5         | .4          | • 1            | . 3     | . 1         |             | 1            |     | 3.4  | 12.5                  |
|          | NNE                     |             |          | .7          | 1.5         | , 9         |                | . 4     | . 1         |             | <del> </del> |     | 4.5  | 12,5<br>16,2<br>14,9  |
|          | NE                      | ٥           | 1.0      | 2.5         | 4.1         | 3.7         | 2.0            | . 4     |             |             |              |     | 14.3 | 14.3                  |
|          | ENE                     | .1          | 1,3      | 3.1         | 8.7         | 7,3         |                | . 2     |             |             |              |     | 23.9 | 15.6                  |
|          | E                       | . 1         | 2.1      | 5.6         | 12.0        |             | .7             |         |             |             |              |     | 26.4 | 15.6                  |
|          | ESE                     |             | .7       | 2.3         |             |             |                |         |             |             |              |     | 9.6  | 13.2                  |
|          | SE                      | 1           | . 6      | 1.3         | 1.5         | . 2         |                |         |             |             |              |     | 3,7  | 10.8                  |
|          | SSE                     |             | 2        | . 7         | 6           | . 3         |                |         |             |             |              |     | 1.0  | 10,8                  |
| L        | S                       |             | . Ž      | . 3         | .7          |             |                |         |             |             | Ţ            |     | 1.2  | 10,1                  |
| L        | ssw                     |             |          | 5           | . 6         |             |                |         |             |             |              |     | 1.1  | 11.1                  |
|          | sw                      |             |          | 6           | <u>د .</u>  | . 3         |                |         |             |             |              |     | 1.7  | 11.9                  |
| _        | wsw                     | 1           |          | 2           | 5           |             | . 2            |         |             |             |              |     | 1.3  | 14.0                  |
| L        | w                       |             | . ?.     | 3           |             | 1           | . 2            |         |             |             |              | ii  | 1,5  | 13.5                  |
|          | WNW                     |             |          | 2           |             | 1           |                |         | 1           |             |              |     | 9    | 14.6                  |
| _        | NW                      |             | 4        | 4           |             | 1           | 1              |         |             |             |              |     | 1.5  | 11.3                  |
| <u> </u> | NNW                     |             |          | 5           | . 4         |             |                | 1       | 1           |             |              |     | 1.5  | 11.8                  |
| L        | VARBL                   |             |          |             |             |             |                |         |             |             |              |     |      |                       |
|          | CALM                    | $\geq \leq$ | $\times$ | $\geq \leq$ |             | $\geq \leq$ | ><             | ><      | $\geq \leq$ | $\geq \leq$ |              | ><  | 1.5  |                       |
|          |                         |             |          | 30.4        | • • •       | 10.0        | - 0            | , ,     | _           |             |              |     | 1.0  |                       |

TOTAL NUMBER OF OBSERVATIONS

1639

USAFETAC FORM 0-8-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING BRANCH ATR EAT E FANTCHY AC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21500   | JOHNSTON ISLAND/PACIFIC IS | 45-72       |   | JAI            |
|---------|----------------------------|-------------|---|----------------|
| STATION | STATION NAME               |             | YEARS                                   | MONTH          |
|         |                            | ALL WEATHER |   | 0900-1100      |
|         |                            | CLASS       |   | HOURS (L S.T.) |
|         |                            |             |   |                |
|         |                            | CONDITION   |   |                |
|         |                            |             |   |                |
|         |                            |             | - · · · · · · · · · · · · · · · · · · · |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16     | 17 - 21    | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|-------------|------------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N                       | . 1   | ڌ.    | 1.2    | .7          | . 2        | . 4     | • 1     |         |         |         |      | 3.0   | 12.                   |
| NNE                     | . 1   | . 1   | 1.7    | 2.0         | 1.2        | . B     | . 4     |         |         |         |      | 6.3   | 15.                   |
| NE                      | . 1   | . 4   | 1.6    | 4,5         | 2.9        | 1.6     | . 2     | • 1     |         |         |      | 11.5  | 15.                   |
| ENE                     | . 2   | 1.0   | 3,4    | 8.2         | 6.3        | 3.2     |         | • 1     |         |         |      | 22.8  | 15.                   |
| E                       | . 1   | .7    | 5.6    | 12.4        | 7.1        | 1.3     |         |         |         |         |      | 27.3  | 14.                   |
| ESE                     |       | . 9   | 2.7    | 4.9         | 1.7        | . 3     | -1      |         |         |         |      | 10.4  | 12.                   |
| SE                      | , È   | , H   | 1.5    | 1.8         | 2          | • 1     |         |         |         |         |      | 4.4   | 10.                   |
| SSE                     |       |       | . 6    | . 4         | , 2        | • 1     |         |         |         |         |      | 1.3   | 11.                   |
| S                       | . 1   | . 7   | . 9    |             | . 1        |         |         |         |         |         |      | 2.3   | 8,                    |
| ssw                     |       | 1     | . 3    | . 4         | , 2        |         |         |         |         |         |      | 1.?   | 10.                   |
| sw                      | 1     | , 4   | . 5    | 6           | . 1        | . 1     |         |         |         |         |      | 1.6   | 9,                    |
| wsw                     |       |       | . 4    | . 4         | 3          | . 2     | . 1     |         |         |         |      | 1.5   | 14,8                  |
| w                       |       | . 1   | . 3    | . 7.        | . 2        | • 1     | 1       |         |         |         |      | . 7   | 14.                   |
| WNW                     | !     | i     |        | . 3         |            |         |         |         |         |         |      | . 5   | 11.                   |
| NW                      |       | . , 1 | 7      | 4           | <u>. l</u> | 1       |         |         |         |         |      | 1.6   | 10.                   |
| NNW                     | . 1   |       | 7      | 4           | . 1        | . 2     |         |         |         |         |      | 1.6   | 11.6                  |
| VARBL                   |       |       |        |             |            |         |         |         |         |         |      |       |                       |
| CALM                    |       | ><    | > <    | $\geq \leq$ | $\geq <$   | ><      | ><      | ><      | ><      | ><      | ><   | 1.7   |                       |
|                         | 1.2   | გ.5   | 22.3   | 38.1        | 20.8       | 8,4     | 1.3     | . 2     |         |         |      | 100.0 | 13,                   |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0.8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21653   | JUHNAT A ISLAND/PACIFI | C IS 46=72  |             | itA i,         |
|---------|------------------------|-------------|-------------|----------------|
| STATION | STATION NAME           |             | YEARS       | MONTH          |
|         |                        | ALL_WEATHER |             | 1200-1400      |
|         | -                      | CLASS       | <del></del> | HOURS (L.S.T.) |
|         |                        |             |             |                |
|         |                        | CONDITION   |             |                |
|         |                        |             |             |                |
|         |                        |             |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10      | 11 - 16 | 17 - 21     | 22 - 27     | 28 - 33 | 34 - 40  | 41 - 47     | 48 - 55  | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|-------------|---------|-------------|-------------|---------|----------|-------------|----------|-----|-------|-----------------------|
| N                       | . 1   | . 5   | 1.2         | 1.1     | .4          | . 4         | • 1     |          |             |          |     | 3,0   | 12.4                  |
| NNE                     |       | . 5   | 1.0         |         | 1.8         | . 5         | . 2     |          |             |          |     | 5.9   | 14.6                  |
| NE                      | . 2   | . 0   | 1.8         | 3.8     | 3.0         | 1.8         | . 4     |          |             |          |     | 11.7  | 15.7                  |
| ENE                     | . 1   | . 7   | 3.3         | 8.5     | 7.4         | 2.9         | . 2     | • 1      |             |          | 1   | 23.1  | 15.6                  |
| E                       | . 1   | 1.1   | 5.7         | 11.4    | 5,2         | 1.0         |         |          |             |          |     | 24.4  | 13,6                  |
| ESE                     | . 1   | . 4   | 2.9         | 5.7     | 1,7         | . 2         | . 1     |          |             |          | 1   | 11.6  | 12.6                  |
| SE                      | 1     | .7    | 1.8         | 1.3     | . 1         |             | • 1     |          |             |          |     | 4.1   | 10.3                  |
| SSE                     |       | . 4   | . 9         | 1.0     | .1          | . 1         | . 1     |          |             | 1        |     | 2.4   | 10,6                  |
| S                       | . 2   | . 7   | . 8         | . 2     |             |             |         |          |             | 1        |     | 1.5   | 6.8                   |
| SSW                     |       | . 3   | . 4         | . 3     | , 3         |             |         |          |             |          |     | 1.3   | 11,6                  |
| sw                      |       |       | . 4         | . 7     | . 1         |             |         |          |             |          |     | 1.4   | 10.7                  |
| wsw                     |       | . 2   | . 3         | 4       | . 2         | . 2         |         |          |             |          |     | 1.3   | 13,4                  |
| w                       | . 1   | . 3   | . 4         | . 7     | . 5         | 1           | . 1     |          |             |          |     | 2.0   | 13,7                  |
| WHW                     | 1     | 14    | . 5         | . 5     | . 1         |             |         |          |             |          |     | 1.5   | 9,6<br>11,7           |
| NW                      |       |       | . 5         | . 4     | .1          | .1          |         |          |             |          |     | 1.2   | 11.7                  |
| NNW                     |       | 6.0   | . 7         | . 3     | -1          |             |         |          |             |          |     | 1.3   | 9,1                   |
| VARBL                   |       |       |             |         |             |             |         |          |             |          |     |       |                       |
| CALM                    | ><    | ><    | $\geq \leq$ | ><      | $\geq \leq$ | $\geq \leq$ | $\geq$  | $\geq <$ | $\geq \leq$ | $\geq <$ | ><  | - 9   |                       |
|                         | 9     | 7.9   | 22.5        | 30.2    | 21.0        | 7.3         | 1.2     | .1       |             |          |     | 100.0 | 13.5                  |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PRINCISSING FRANCH ATR EAT EN SESTEEN 4C

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216 /3  | JOHNST N ISLAND/PACIFIC IS | 46=72    | j ∆;4          |
|---------|----------------------------|----------|----------------|
| STATION | STATION NAME               | YEARS    | MONTH          |
|         | ALL                        | WEATHER  | 1500-1700      |
|         |                            | CLASS    | HOURS (L.S.T.) |
|         |                            | ONDITION |                |
|         |                            |          |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-----|--------|----------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       | . 2   | .4  | 1.3    | 1.3      | .4      | • 2     | • 2     |         |         |         |     | 4,1   | 12.4                  |
| NNE                     | 1     | . 4 | 1.0    | 2.0      | 1.6     | . 5     | .4      |         |         |         |     | 6.1   | 15,3                  |
| NE                      | . 2   | . 4 | 2,2    | 4.8      | 3.0     | 1.7     | . 3     | . 1     |         |         |     | 12.7  | 15.1                  |
| ENE                     | . 1   | . 4 | 4.0    | 9.0      | 6.7     | 3.0     | . 2     |         |         |         |     | 23.8  | 15,3                  |
| E                       | , 2   | 1.5 | 5.6    | 11.6     | 4.3     | , 9     |         |         |         |         |     | 24.1  | 13,1                  |
| ESE                     | . 1   | . 4 | 2.8    | 4.9      | 1.4     | . 2     | • 1     |         |         |         |     | 9.9   | 12.7                  |
| SE                      | . 1   | . 0 | 1.3    | 1.4      | . 3     | • 1     |         |         |         |         |     | 3.7   | 11.0                  |
| SSE                     | . 1   | . 2 | . 8    | 1.0      | . 2     |         |         |         |         |         |     | 2.3   | 10.9                  |
| S                       | ļ.    | . 7 | , 5    | • 1      | . 1     | • 1     |         |         |         |         |     | 1.3   | 7,7                   |
| ssw                     |       | . 2 | . 2    | . 4      | , 2     |         |         |         |         |         |     | 1.0   | 10.8                  |
| sw                      |       | . 2 | . 5    | , 5      | • l     |         | . 1     |         |         |         |     | 1.4   | 11.8                  |
| wsw                     | , 1   | , 3 | . 4    |          | . 2     | 1       |         |         |         |         |     | 1.3   | 10.7                  |
| w                       | , 1   | • 1 | . 5    | . 5      | . 2     | . 3     | . 1     |         |         |         |     | 1.7   | 14.7                  |
| WNW                     |       | .5  | , 5    | . 6      | , 2     | . 2     |         |         |         |         |     | 2.0   | 11,3                  |
| NW                      | الم   | , 3 | , 4    | . 4      | , 1     |         |         |         |         |         |     | 1.3   | 9,5                   |
| NNW                     | . 1   | . 2 | 1.1    | . 4      | . 1     | -       |         |         |         |         |     | 1.9   | 8,8                   |
| VARBL                   |       |     |        |          |         |         |         |         |         |         |     |       |                       |
| CALM                    | ><    | ><  | ><     | $\geq <$ | ><      | ><      | ><      | >>      | ><      | ><      | ><  | 1.3   |                       |
|                         | 1.5   | 7.3 | 23.2   | 39.0     | 19.1    | 7,3     | 1.3     | . 1     |         |         |     | 100.0 | 13,4                  |

TOTAL NUMBER OF OBSERVATIONS 1640

USAFETAC FORM | 0.8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATA PROCESSING ARABON ETAC/USAF AIR GEATHER SERVICE/MAC

2

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21604   | GERNST IN ISLAND/PACIFIC IS | 46=72       | J ∆ √          |
|---------|-----------------------------|-------------|----------------|
| STATION | STATION NAME                | YEARS       | MONTH          |
|         |                             | ALL WEATHER | 1800-2000      |
|         |                             | CLASS       | HOURS (L.S.T.) |
|         |                             |             |                |
|         |                             | CONDITION   |                |
|         |                             | _           |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6             | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       |       | . 4               | 1.3    | 1.3     | , 5     |         | . 3     | • 1     |         |         |     | 4.0   | 13.                   |
| NNE                     | . 1   | . 8               | 1.3    | 1.7     | 2,2     | . 9     | . 2     |         |         |         |     | 7.1   | 14,                   |
| NE                      |       | . 4               | 2.0    | 4.6     |         | 1.1     | .7      | . 1     |         |         |     | 12.0  | 15.                   |
| ENE                     |       | 1.3               | 4.0    |         | 6.0     |         | . 4     | •1      |         |         |     | 26.0  | 15.                   |
| E                       | . 2   | 1.9               | 6,1    | 10.5    | 4.8     | . 7     | • 1     |         |         |         |     | 24.2  | 13.                   |
| ESE                     | . 1   | . 7               | 2,4    | 4.9     | 1.0     |         |         |         |         |         |     | 9.3   | 12.                   |
| SE                      | . 1   | . 2               | 1.6    |         | . 3     |         |         |         |         |         |     | 3,2   | 10.                   |
| SSE                     | .1    | . 4               | . 9    |         |         |         |         |         |         |         |     | 2.3   | 9.                    |
| S                       | . 1   | . 1               | . 2    |         | . 1     |         |         |         |         |         |     | . 5   | 7.                    |
| ssw                     |       | . 4               | .2     | . 2     |         |         |         |         |         |         |     | . 9   | 8.                    |
| sw                      |       | .6                | . 4    |         | . 3     |         | . 1     |         |         |         |     | 1.8   | 10.                   |
| wsw                     | . 1   | . 4               | . 5    | 5       | . 2     |         | . 1     |         |         |         |     | 1.7   | 11.                   |
| w                       | . 1   | . 3               | .2     | . 2     | . 3     | . 1     | . 1     |         |         |         |     | 1.3   | 14.                   |
| WNW                     |       | . 2               | .4     | . 4     | .1      | . 1     |         |         |         |         |     | 1.2   | 11.                   |
| NW                      |       | .1                | .7     | . 3     | .1      |         |         |         | ,       |         |     | 1.2   | 9.                    |
| NNW                     | . 1   | . 2               | .7     | . 2     | . 1     |         |         |         |         |         |     | 1.3   | 9,                    |
| VARBL                   |       |                   |        |         |         |         |         |         |         |         |     |       |                       |
| CALM                    | ><    | $\supset \subset$ | > <    |         | ><      | > <     | ><      | ><      | > <     | ><      | ><  | 2.1   |                       |
|                         | , 9   | 8.5               | 22.7   | 37.6    | 19.2    | 6.9     | 1.8     | . 2     |         |         |     | 100.0 | 13.                   |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0.8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESSING GRANCS ETAC/USAF AIR EATHER SERVICE/ SC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21693   | COMMSTAN ISLAND/PACIFIC IS | 46=72     | JAN            |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 2100=2300      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            | CONDITION |                |

| j                       | 1.1         | 7.9         | 20.7   | 37.0     | 21.7    | 7.1     | 1.2         | . 1     |             |              |             | 100.0 | 13                   |
|-------------------------|-------------|-------------|--------|----------|---------|---------|-------------|---------|-------------|--------------|-------------|-------|----------------------|
| CALM                    | $\geq \leq$ | $\geq \leq$ |        | <b>*</b> |         | $\sim$  | $\geq \leq$ |         | $\geq \leq$ | $\geq \leq$  | $\geq \leq$ | 2.3   |                      |
| VARBL                   |             |             |        |          |         |         |             |         |             |              |             |       |                      |
| NNW                     | .4          |             |        | 1.3      |         |         |             |         |             |              |             | 1.0   | 8                    |
| NW                      |             | 1           |        |          |         |         |             |         |             |              |             | 1.0   | 7                    |
| WNW                     |             | 1           | , 2    | 1.5      | . 1     | • 1     |             |         |             |              |             | 1.0   | 15                   |
| w                       |             | , 5         | , 3    | ,3       | . 3     |         | ,1          |         |             |              |             | 1.6   | 12                   |
| wsw                     | , 1         | .1          | , 6    |          | . 1     |         |             | .1      |             |              |             | 1.6   | 12                   |
| sw                      | . 1         | . 2         | . 2    | . 4      | . 2     | . 2     |             |         |             |              |             | 1.4   | 12                   |
| SSW                     |             | • 1         | .1     | . 3      | . 1     |         |             |         |             |              |             | . 5   | 11                   |
| s                       | 1           | . 2         | . 5    | .1       |         |         |             |         |             |              |             | . 8   |                      |
| SSE                     | . 1         | , 3         | .6     |          | . 2     |         |             |         |             |              |             | 2.1   | 11                   |
| SE                      | ļ —         | . 2         |        | 1.4      | . 3     |         |             |         |             | T            |             | 3.5   | 11                   |
| ESE                     |             | 7.7         | 2.4    |          | 1.8     |         |             |         |             | ļ            |             | 9.1   | 12                   |
| E                       | . 1         | 1.9         | 6.0    |          | 5,8     |         |             |         |             | <del> </del> |             | 26.4  | 13                   |
| ENE                     |             | 1.0         | 2.7    |          | 5.8     |         |             |         |             | <u> </u>     |             | 23.3  | 16                   |
| NE                      | - 2         | • 9         | 2.3    |          |         |         | .2          | . 2     |             |              |             | 13.4  | 14                   |
| NNE                     | - * *       | . 7         | . 9    |          |         |         |             | • • •   |             | <del></del>  |             | 6.3   | 14                   |
| N                       | . 1         | . 4         | 1.5    | 1.0      | . 8     |         | .3          | • 1     |             | <del></del>  |             | 4.2   | 12                   |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6         | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47     | 48 - 55      | ≥56         | %     | MEAI<br>WINI<br>SPEE |

1642

USAFETAC FORM U.S.S. CIL 13 46.

2

2

BATA PROFESSING RANCH ETAC/USAF AIR EATHER REVICE/ AC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21663   | JUGANSTON ISLAND/PACIFIC IS | 46-72     | F.E.B          |
|---------|-----------------------------|-----------|----------------|
| STATION | STATION NAME                | YEARS     | нтном          |
|         | ALL                         | WEATHER   | 0000-0200      |
|         |                             | CLASS     | HOURS (L.S.T.) |
|         |                             |           |                |
|         |                             | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|--------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       | . 1    | . 4   | - 7    | .7      | . 3     |         |         |         |         |         |     | 2.2   | 11.                   |
| NNE                     | . 1    | . 3   | . 8    | 2.1     | . 9     |         | • 1     | . 1     |         |         |     | 4.3   | 13.                   |
| NE                      |        | 1.3   | 2.6    |         | 3.2     | .9      | , 3     |         |         |         |     | 13,7  | 14,                   |
| ENE                     | . 1    | 1.3   | 4.1    | 11.6    | 9.2     | 2.2     | . 5     |         |         |         |     | 28.8  | 15,                   |
| E                       | .1     | 1.3   | 5.7    | 16.9    | 8.6     | 1.1     |         |         |         |         |     | 33.6  | 14,                   |
| ESE                     | . 1    | . 5   | 2,3    |         | 1.0     |         |         |         |         |         |     | 7.1   | 12.                   |
| SE                      | 1      | . 5   | . 9    |         | . 3     |         |         |         |         |         |     | 2.6   | 10                    |
| SSE                     |        | • 1   | . 3    | .7      | .1      |         |         |         |         |         |     | 1,1   | 12                    |
| s                       | † †    | .5    | . 4    | .1      |         |         |         |         |         |         |     | 1.0   | 7                     |
| ssw                     |        |       | , 4    | . 3     |         |         |         |         |         |         |     | . 7   | 9                     |
| sw                      |        | . 1   | , 2    |         |         |         |         |         |         | _       |     | . 4   | 7                     |
| wsw                     |        | . 1   | . 3    |         |         |         |         |         |         |         |     | . 5   | 7                     |
| w                       |        |       | . 3    | . 5     |         |         |         |         |         |         |     | 1.1   | 9                     |
| WNW                     | . 1    | .1    |        |         |         |         |         |         |         |         |     | . 3   | 5                     |
| NW                      | - 1    |       | . 4    |         |         |         |         |         |         | 1       |     | . 5   | 7                     |
| NNW                     |        | .1    | 1      | . 3     | . 2     |         |         |         |         |         |     | .7    | 13                    |
| VARBL                   | T      |       |        |         |         |         |         | i       |         |         |     |       |                       |
| CALM                    | $\sim$ | > <   | > <    | ><      | >       | ><      | > <     |         | $\geq$  |         |     | 1.5   |                       |
|                         | , 6    | 6,8   | 19.5   | 42.7    | 23,8    | 4.1     | , 9     | .1      |         |         |     | 100.0 | 13                    |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM | 0.8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING RANCH STACTUSAR ALR EATHER SERVICETTAC

2

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u> </u>       | : <u>1985 TON   1</u> | SLAND           | PACIFI | CIS     |          | 46      | <b>∞7</b> 2  |                   |             |             |              |       | E 8  |
|----------------|-----------------------|-----------------|--------|---------|----------|---------|--------------|-------------------|-------------|-------------|--------------|-------|--|
| ION            |                       | STATION         | 1 NAME |         |          |         |              |                   | YEARS       |             |              |       | ONTH   |
|                | _                     |                 |        |         | ALL W    | FATHER  |              |                   |             |             |              | 0300  | -0500  |
|                |                       |                 |        |         | C        | LASS    |              |                   |             |             |              | HOURS | (L S.T.)                                       |
|                | _                     |                 |        |         | CON      | DITION  |              |                   |             |             |              |       |  |
|                |                       |                 |        |         |          | ******  |              |                   |             |             |              |       |  |
|                | -                     |                 |        |         |          |         |              |                   |             | <del></del> |              |       |  |
|                |                       |                 |        |         |          |         |              |                   |             |             |              |       |  |
| SPEED          |                       | T -             |        |         |          |         |              |                   |             |             |              |       | MEAN   |
| (KNTS)<br>DIR. | 1 - 3                 | 4 - 6           | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33      | 34 - 40           | 41 - 47     | 48 - 55     | ≥56          | %     | WIND<br>SPEED                                  |
| N              | <del></del>           |                 |        | .7      |          |         |              |                   | <u> </u>    |             |              | 3 (   |  |
| NNE            |                       |                 |        |         | . 2      |         |              |                   |             |             | <del> </del> | 2.4   | 10.3   |
|                |                       |                 | - 7    | 2.5     | 3.6      |         | - 4          |                   |             | <del></del> |              | 4.7   | 14.C<br>14.3                                   |
| NE             | ₩                     | 1-4-4           | 7.4    | 4.9     | 3.6      |         | . 3          |                   | <del></del> |             |              | 13,1  | 14.5   |
| ENE            | _}                    |                 | 4,2    |         |          |         |              |                   | ļ           | <u> </u>    |              | 30.6  | 15.2   |
| E              |                       | 1.7             | 6.3    |         |          |         |              |                   |             | ļ           |              | 30,7  | 13.9   |
| ESE            | _}                    | . 3             | 2.1    | 3.8     |          |         |              |                   |             |             | ļ,           | 7.4   | 12,4   |
| SE             | _                     | 0               |        | . 9     | 2        |         |              |                   |             |             |              | 3,1   | 9.5  |
| SSE            | 1                     | - 1             | . 4    | 1       |          |         |              |                   |             |             |              | . 7   | 9,7  |
| S              |                       | 1               |        | 5       | . 1      |         |              |                   |             |             |              | 1.0   | 9,5<br>9,7<br>10,7                             |
| ssw            | 1                     | 4               | . 3    | 2       | . 1      |         |              |                   |             |             |              | 1.0   | 8,0  |
| sw             |                       | 2               | . 2    |         |          |         |              |                   |             |             |              | .4    | 6,8  |
| WSW            |                       |                 | . 1    |         |          |         |              |                   |             |             |              | . 3   | 8.0  |
| w              |                       | - 1             | . 2    |         |          |         |              |                   |             |             |              | . 8   | 10.5   |
| WNW            |                       | . 2             | . 2    | 1       |          |         |              |                   |             |             |              | . 5   | 8 0<br>6 8<br>8 0<br>10 5<br>7 9<br>9 2<br>9 7 |
| NW             |                       | .1              | . 3    |         |          |         |              |                   |             |             |              | .7    | 9.2  |
| WNN            |                       | . 2             |        | . 4     |          |         |              |                   |             |             |              | . 9   | 9.7  |
| VARBL          |                       | † <b>&gt;</b> - |        | -       |          |         |              |                   |             |             |              | -     |  |
| CALM           |                       |                 | > <    | > <     | $\times$ | >       | >            | > <               |             | $\sim$      |              | 1.6   |  |
|                | <del></del>           | ¥               | $\sim$ |         | $\sim$   | -       | $\leftarrow$ | $\longrightarrow$ |             | $\sim$      | $\sim$       |       |  |

TOTAL NUMBER OF OBSERVATIONS

1519

USAFETAC FORM 0.8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BATA PRINCESSING SHANCE ETAC/USA: AIR EAT EF SERVICE/FAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216(3   | JIMPST IN ISLAND/PACIFIC IS | 46=72    | 168            |
|---------|-----------------------------|----------|----------------|
| STATION | STATION NAME                | YEARS    | MONTH          |
|         | ALL                         | WEATHER  | 0600-0800      |
|         |                             | CLASS    | HOURS (L.S.Y.) |
|         |                             | ONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       | .1          | . 4   | .7     | 5 و     | . 2     |         |         |         |         |         |     | 1.8   | 9                     |
| NNE                     |             | . 7   | . 5    | 2.2     | , 7     | _ 1     |         |         |         |         |     | 4.1   | 12                    |
| NE                      | . 1         | , 9   | 2.1    | 5,8     | 3,4     | 1.1     | . 3     |         |         |         |     | 13.6  | 14                    |
| ENE                     |             | 1 . 1 | 3.9    | 11.8    | 9.1     | 2.5     | . 6     | • 1     |         |         |     | 29.2  | 15                    |
| £                       | . 2         | . 9   | 5.3    | 16.0    | 6,9     | 1.7     |         |         |         |         |     | 31.0  | 14                    |
| ESE                     |             | . 7   | 2.3    | 3,6     | 1.4     | . 2     |         |         |         |         |     | 8.2   | 12                    |
| SE                      | . 1         | .7    | 1.3    | 1.3     | . 1     |         |         |         |         |         |     | 3.5   | 10                    |
| SSE                     | . 1         | . 4   | 1.1    | . 5     | . 1     |         |         |         |         |         |     | 2.0   | 9                     |
| S                       |             | . 5   | . 5    | -1      | . 1     | • 1     |         |         |         |         |     | 1.3   | 9                     |
| ssw                     |             | . 4   | - 1    | • 1     | . 1     |         |         |         |         |         |     | . 7   | 8                     |
| sw                      | ĺ           | . 1   | . 2    |         |         |         |         |         |         |         |     | . 3   | 7                     |
| wsw                     |             | . 1   | • 1    | . 1     |         | • 1     |         |         |         |         |     | . 5   | - 11                  |
| w                       |             | • 1   | . 3    | . 2     |         |         |         |         |         |         |     | .6    | 9                     |
| WNW                     |             | . 1   | . 3    | . 1     |         | _       |         |         |         |         |     | . 5   | 9                     |
| NW                      | T           | . 2   | • 1    | , 3     |         | _       |         | _       |         |         |     | .6    | 9                     |
| NNW                     | ĺ           | • 1   | .1     | . 5     | . 1     |         |         | -       |         |         |     | . 8   | 11                    |
| VARBL                   |             |       |        |         |         |         |         |         |         |         |     |       |                       |
| CALM                    | $\supset <$ | ><    | ><     | ><      | > <     | > <     | > <     | >       | > <     | ><      | >   | 1.3   |                       |
|                         | . 5         | 7.2   | 18.9   | 43.2    | 22,3    | 5.7     | , 9     | . 1     |         |         |     | 100.0 | 13                    |

TOTAL NUMBER OF OBSERVATIONS 1519

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21673<br>STATION | JUMNST N ISLAND/PACIFIC IS 46=72 | FE8                         |
|------------------|----------------------------------|-----------------------------|
|                  | ALL WEATHER                      | 7900-1100<br>HOURS (L.E.T.) |
|                  | COMDITION                        |                             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|----------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       | • 1   | . 3   | . 6    | .7      | . 3     |          |         |         |         |         |     | ₹,0   | 10.6                  |
| NNE                     | - 1   | , 7   | . 9    | 1.5     | . 7     |          | • 1     |         |         |         |     | 4.1   | 12.6                  |
| NE                      | . 1   | . 5   |        | 6.7     | 2.8     | . 7      | • 1     |         |         |         |     | 13,2  | 14,2                  |
| ENE                     | . 1   | . 5   | 2.6    | 12.2    | 10.2    | 5.0      | . 5     |         |         |         |     | 20.3  | 15.9                  |
| E                       | . 3   | , 9   | 4.2    |         | 8,3     | 1,6      | . 1     |         |         |         |     | 30.6  |                       |
| ESE                     | . 1   | . 9   | 2.9    | 4.5     | 1,6     | . 5      |         |         |         |         |     | 10.6  |                       |
| SE                      | . 1   | . 0   | 1.9    | 1.1     | . 2     |          |         |         |         |         |     | 3,9   |                       |
| SSE                     | . 2   | , 5   | . 8    | . 3     | . 2     |          |         |         |         |         |     | 5.0   |                       |
| s                       | . 1   | . 3   | . 4    | . 4     |         |          |         |         |         |         |     | 1.2   | 8.9                   |
| ssw                     |       |       | .1     | . 2     |         |          |         | L       | <u></u> | l       |     | . 4   | 10.7                  |
| sw                      |       | . 3   | . 2    |         |         | • 1      |         |         |         | L       |     | 5     | 9.1                   |
| wsw                     |       | - 1   | .1     |         |         | 1        |         |         |         |         |     | ,4    | 13,7                  |
| w                       |       | . 2   | . 5    | 1       |         |          |         |         |         |         |     | . 8   | 8.8                   |
| WNW                     |       |       |        | . 2     |         |          |         |         |         |         |     | 3     | 10,3                  |
| NW                      |       | 1     | . 2    | 1       |         |          |         |         |         |         |     | . 3   |                       |
| NNW                     |       | . 3   | .1     | . 4     |         |          |         |         |         |         |     | . 7   | 10.1                  |
| VARBL                   |       |       |        |         |         |          |         |         |         |         |     |       |                       |
| CALM                    |       | ><    | ><     | ><      | ><      | $\times$ | ><      |         |         | ><      | ><  | .7    |                       |
|                         | 1.1   | 6.4   | 17.7   | 43.6    | 24.4    | 5.2      | .9      |         |         |         |     | 100.0 | 13,9                  |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GATA PROFESSING - RAGGE FYAC/USAS AIR - EATHER - LEGGE/MAG

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216) | JE INSTIN ISLAND/PACIFIC IS | 46=72<br>VEARS | FFS                         |
|------|-----------------------------|----------------|-----------------------------|
|      |                             | EATHER         | 1200-1400<br>HOURS (C.S.Y.) |
|      | сом                         | DITION         |                             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6    | 7 - 10      | 11 - 16  | 17 - 21     | 22 - 27  | 28 - 33  | 34 - 40  | 41 - 47     | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|----------|-------------|----------|-------------|----------|----------|----------|-------------|-------------|-----|-------|-----------------------|
| И                       | . 1         | , 2      | . 8         | . 3      | . 3         |          |          |          |             |             |     | 1.6   | 10.3                  |
| NNE                     |             | . 3      | . 9         | 2.3      | . 8         | . 3      |          |          |             | }           |     | 4.5   | 13.6                  |
| NE                      | . 1         | .7       | 1.8         | 6.2      | 3,6         | , 7      | . 3      |          |             |             |     | 13.5  | 14.6                  |
| ENE                     |             | . 7      | 2.4         | 12.0     | 8.4         | 2.3      | . 2      | •1       |             |             |     | 26.7  | 15.7                  |
| E                       | . 1         | .9       | 5.2         | 16.2     | 7.9         | . 7      |          |          |             |             |     | 31.0  | 14.0                  |
| ESE                     | . 1         | 1.1      | 2.4         | 3.4      | 1.5         | . 2      |          |          |             |             |     | 8.5   | 12.1                  |
| SE                      | . 1         | . 9      | 1,7         | 1.1      | . 2         | . 2      |          |          |             |             |     | 4.3   | 10.0                  |
| SSE                     | . 1         | . 5      | 1.1         | .9       | • 1         |          |          |          |             |             |     | 2,6   | 9,5                   |
| 5                       |             | . 5      | , 7         | . 3      |             |          |          |          |             |             |     | 1.4   | 7.5                   |
| ssw                     |             |          | 1           | . 4      |             |          |          |          |             |             |     | • 8   | 9.8                   |
| sw                      | L           | 1        | .6          | _ • 1    |             | 2        |          |          |             |             |     | . 9   | 11.4                  |
| wsw                     |             | • 1      | . 3         | . 1      |             |          |          |          |             |             |     | . 5   | 9.4                   |
| w                       |             | - 1      | , 3         |          |             |          |          |          |             |             |     | . 4   |                       |
| WNW                     | L1          | . 2.     |             | . 1      |             |          |          |          |             |             |     | . 3   | 7,3                   |
| NW                      |             |          |             | . 3      |             |          |          |          |             |             |     | . 9   | 9.0                   |
| NNW                     | []          | . 5      | . 3         | . 5      |             |          |          |          |             |             |     | 1.4   | 8.9                   |
| VARBL                   |             |          |             |          |             |          |          |          |             |             |     |       |                       |
| CALM                    | $\geq \leq$ | $\times$ | $\geq \leq$ | $\times$ | $\geq \leq$ | $\times$ | $\times$ | $\times$ | $\geq \leq$ | $\geq \leq$ | ><  | . 7   |                       |
|                         | ن و         | 7,3      | 18,9        | 44.8     | 22.7        | 4,5      | , 5      | .1       |             |             |     | 100.0 | 13.6                  |

TOTAL NUMBER OF OBSERVATIONS 152

USAFETAC  $\frac{\text{FORM}}{\text{JUL 66}}$  0.8.5 (OL·1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A STATE OF THE PARTY

MATA PROCESSING PRANCH ETAC/USAL AIR FEATHER SERVICE/ AC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JUHNSTIN ISLAND/PACIFIC IS | 46=72     |     | FEB            |
|---------|----------------------------|-----------|-----|----------------|
| STATION | STATION NAME               | YI        | ANS | MONTH          |
|         | AL AL                      |           |     | 1506-1700      |
|         |                            | CLASS     |     | HOURS (L.S.T.) |
|         |                            |           |     |                |
|         |                            | CONDITION |     |                |
|         |                            |           |     |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|----------|---------|----------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       |       | . 4   | . 9    | . 5      | .4      | • 1      |         |         |         |         |     | 2.3   | 11.2                  |
| NNE                     |       | _ 4   | 1.1    | 3.0      | . 6     | - 1      |         |         |         |         |     | 3,2   | 12.8                  |
| NE                      |       | ذ ر   | 2.8    | 5.3      | 4.4     | 1.3      |         |         |         |         |     | 14.2  | 14.8                  |
| ENE                     |       | , 9   | 2,8    | 12.5     | 8.7     | 2.2      | . 5     |         |         |         |     | 27.5  | 15.6                  |
| Ε                       | . 1   | 1.3   | 4,4    | 15.1     | 7,7     | . 5      |         |         |         |         |     | 29.1  | 14.0                  |
| ESE                     | 1     | 1.0   | 3.0    | 3.9      | 1,3     |          |         |         |         |         |     | 9.3   | 11.6                  |
| SE                      |       | , 7   | 1.6    | 7        |         |          |         |         |         |         |     | 3,0   | 8.8                   |
| SSE                     |       | . 5   | . 8    | 5        |         |          |         |         |         |         |     | 1.8   | 9.4                   |
| S                       |       | . 2   | . 5    | 3        |         |          |         |         |         |         |     | 1,0   | 8.9                   |
| SSW                     |       | , 3   | . 2    | 1        | 1       |          |         |         |         |         |     | . 7   | 8.7                   |
| sw                      | 4     | . 3   | . 3    | - 1      | . 1     |          |         |         |         |         | ]   | . 9   | 9.3                   |
| wsw                     |       | - 1   |        | الم      |         |          |         |         |         |         |     | . 2   | 9.7                   |
| w                       |       | . 2   | 4      |          |         |          |         |         |         |         |     | , я   | 8.7                   |
| WNW                     |       | خ و   | . 3    | 1        |         |          |         |         |         |         |     | 1.0   | 7,1                   |
| NW                      |       | . 3   | . 4    | . 3      | . 1     |          |         |         |         |         |     | 1,1   | 9.6                   |
| NNW                     |       | .7    | . 3    |          |         |          |         |         |         |         | ,   | 1.2   | 7,7                   |
| VARBL                   |       |       |        |          |         |          |         |         | T       |         |     |       |                       |
| CALM                    | ><    | ><    | ><     | $\geq <$ | ><      | $\geq <$ | ><      | ><      |         |         | ><  | Я     |                       |
|                         | . 3   | 8.1   | 19.7   | 43.1     | 23.4    | 4.1      | .5      |         |         |         |     | 100.0 | 13.5                  |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM | 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RATA PROPESSING RANCH ETACZUSA: AIR EATHER MERMICEZMAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21693   | SUMNSTON ISLAND/PACIFIC IS | 46-72     | eeb            |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 1600-2000      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |

|                         | اد ا         | 5.4         | 18.1        | 42.5        | 23.6        | 5.7         | 3           | .1          |              |  |             | 100.0 | 13                    |
|-------------------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--|-------------|-------|-----------------------|
| CALM                    |              | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$  | ><   | $\geq \leq$ | .9    |                       |
| VARBL                   |              |             | L           |             |             |             |             |             |              | Ļ  |             |       |                       |
| NNW                     | 11           |             | . 3         | . 5         | 1           |             |             |             |              |  |             | 1.2   | 10                    |
| NW                      | 1            | 4           | 3           |             |             |             |             |             |              |  |             | 1.0   | 8                     |
| WNW                     |              |             | . 2         |             |             |             |             |             |              |  |             | , 15  | 6                     |
| w                       | ll           | . 3         | . 2         |             | , 1         |             |             |             |              |  |             | . 5   | 7                     |
| wsw                     |              | , 3         | .1          | , l         |             |             |             |             |              |  |             | , 5   | 7                     |
| SW                      |              | .1          | , 5         | . 1         | <u>, l</u>  |             |             |             |              |  |             | . 8   | 10                    |
| SSW                     |              | , 3         | .1          | . 1         |             |             |             |             |              |  |             | . 5   | 7                     |
| S                       | ļ — ·        | . 2         | . 5         | , 3         | • 1         |             |             |             |              |  | -           | 1.1   | - 4                   |
| SSE                     |              | . 5         | . 4         | .4          |             |             |             |             |              |  |             | 1.3   | - 6                   |
| SE                      | . 3          | .5          | . 5         | . 4         | . 2         |             |             |             |              |  |             | 1.8   | 8                     |
| ESE                     |              | 1.2         |             | 3,5         | 1.2         |             |             |             |              |  |             | R.4   | 11                    |
| E                       | . 2          | 1.3         | 5.3         | 14.0        | 7.9         |             |             |             | <del> </del> | <del>                                     </del> |             | 29.3  | 13                    |
| ENE                     | .1           | .7          | 3.0         |             |             |             | . 3         |             | <b></b> -    |  |             | 30.4  | 15                    |
| NE                      | <del>]</del> | . 8         | 2.4         | 5.7         | 3.4         | 1.2         |             | •1          | <del> </del> | <del> </del>                                     |             | 13.6  | 14                    |
| NNE                     | <del></del>  | .0          | 1.3         | 2.4         | 1,3         |             |             |             | <del> </del> | <del> </del>                                     | <del></del> | 5.7   |                       |
| N                       | <del> </del> | , 7         | . 7         |             | . 3         | • 2         |             |             | <del> </del> |  |             | 2.7   | 11                    |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3        | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47      | 48 - 55  | ≥56         | %     | MEAI<br>WINI<br>SPEEI |

TOTAL NUMBER OF OBSERVATIONS 1519

USAFETAC | FORM | 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PROCESSING BRANCH ETAC/USAS AIR EATHER SERVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 2100)   | JUHAST A ISLAND/PACIFIC IS | 46-72     | FEB            |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 2100-2300      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47  | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|--------|---------|----------|---------|---------|---------|----------|---------|-----|-------|-----------------------|
| N                       |             | • 1   | .5     | 1.1     | . 3      | . 1     |         |         |          |         |     | 2.0   | 12.9                  |
| NNE                     |             |       | 1.3    | 2.4     | . 5      | . 2     |         |         |          |         |     | 5,3   | 11.6                  |
| NE                      | 1           | 1.0   | 2.6    | 6.5     | 3,2      | 1.1     | . 3     |         |          |         |     | 14.7  | 14.5                  |
| ENE                     | , 2         | 1.0   |        | 11.9    | 10.9     | 2.6     | • 1     |         |          | -       |     | 30.0  | 15,7                  |
| E                       | . 2         | 1.5   |        |         | 8,2      | 1.3     | .1      |         |          |         |     | 32.1  | 14.1                  |
| ESE                     |             | 1.0   | 1.9    |         | .7       |         |         |         |          |         |     | 7.7   | 11.4                  |
| SE                      | . 1         | .2    |        | 1.2     |          | . 2     |         |         |          |         |     | 2.4   | 11,3                  |
| SSE                     |             |       | . 1    | . 3     |          |         |         |         |          |         |     | . 7   | 9,3                   |
| S                       | . 1         |       |        |         |          |         |         |         |          |         |     | . 1   | 5,0                   |
| ssw                     |             | • 1   | . 3    | . 1     |          |         |         |         |          |         |     | 4     | 8.7                   |
| sw                      |             | . 2   | . 3    |         |          |         |         |         |          |         |     | 7     | 9.1                   |
| wsw                     |             | . 4   | . 3    | .1      |          |         |         |         |          |         |     | 9     | 7.8                   |
| w                       |             |       | .1     | . 3     | . 1      |         |         |         |          |         |     | . 4   | 13.7                  |
| WNW                     |             |       |        | . 2     |          |         |         |         |          | -       |     | . 2   | 11.3                  |
| NW                      |             | . 7   | 2      |         |          |         |         |         |          |         |     | 1.1   | 6.1                   |
| NNW                     |             | - 2   | . 7    |         | . 1      |         |         |         |          | j       |     | 9     | 8.1                   |
| VARBL                   |             |       |        |         |          |         |         |         |          |         |     |       |                       |
| CALM                    | $\geq \leq$ | ><    | ><     | ><      | $\geq <$ | ><      | ><      | $\geq$  | $\geq <$ |         | ><  | . 3   |                       |
|                         | . 7         | 7.8   | 17.1   | 43.6    | 23.8     | 5,4     | . 6     |         |          |         |     | 100.0 | 13.0                  |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PRIMESSING TRANCH TACKUSAR AIR EAT ER SERVICEKMAC 2

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216     | U0565T N 15 | LANG/PACIFIC I | <b>ک</b>  | 46-72       |   |                                       |   | . A A          |
|---------|-------------|----------------|-----------|-------------|---|---------------------------------------|---|----------------|
| STATION |             | STATION HAME   |           |             | YEAR  | ,                                     |   | HTHOM          |
|         |             |                | ALL WEAT  | HEK         |   |                                       |   | 0000-0200      |
|         |             |                | CLASS     |             |   |                                       |   | HOURS (L.S.Y.) |
|         |             |                |           |             |   |                                       |   |                |
|         |             |                | CONDITION | ı           |   |                                       |   |                |
|         |             |                |           |             |   | <del></del>                           |   |                |
|         |             |                |           |             |   |                                       |   |                |
| _       |             |                |           | <del></del> | <del>,                                     </del> | — — — — — — — — — — — — — — — — — — — |   | ,,             |
|         | encen il    |                | 1         | 1           | r I   | 1                                     | 1 | 1              |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47      | 48 - 55  | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|----------|---------|---------|---------|---------|--------------|--|------|-------|-----------------------|
| И                       |       | .5    | . 9    | . 5      | . 3     | • 1     |         |         |              |  |      | 2.6   | 10.                   |
| NNE                     |       | 7     | _1.1   | 1.2      | . 9     | 1.1     |         |         |              |  |      | 5,0   | 14.4                  |
| NE                      | 1     | 5     | 2.7    | 7.8      | 0.0     | 2.4     | • 1     |         |              |  |      | 20.2  | 15.                   |
| ENE                     | . 1   | . 4   | 3.8    | 12.9     | 11.3    | 5.3     | .6      | .1      |              |  |      | 34.5  | 16.                   |
| E                       | . 1   | 1.0   | 3.8    | 12.2     | 6.4     | 1.5     |         | , 1     |              | <del> </del>                                     |      | 25.0  | 14.                   |
| ESE                     | • 1   | .6    | 1.3    | 3.2      | 1.8     | . 2     |         |         |              |  |      | 7.1   | 13.                   |
| SE                      |       | • 1   | .6     | 1.0      | . 4     |         |         |         |              |  |      | 2,1   | 12.0                  |
| SSE                     |       | .1    | . 5    | . 3      | . 1     |         |         |         |              | 1  |      | 3     | 10.                   |
| S                       |       |       | .1     | . 2      |         |         |         |         |              |  |      | . 4   | 10.                   |
| SSW                     |       | • 1   |        | .1       |         |         |         |         | <del>-</del> |  |      | .1    | Я.                    |
| SW                      |       |       | . 2    | . 1      | . 1     |         |         |         |              |  |      | 3     | 10.                   |
| WSW                     |       |       | . 4    |          |         |         |         |         |              |  |      | . 5   | 10.                   |
| w                       |       |       | . 3    |          |         |         |         |         |              |  |      | . 3   | 8.                    |
| WNW                     |       |       |        |          |         |         |         |         |              |  |      |       |                       |
| NW                      |       | . 1   | . 1    |          |         |         |         |         | ļ            |  |      | . 2   | 6.                    |
| NNW                     |       |       | . 1    | . 2      |         |         |         |         |              |  |      | . 2   | 12.0                  |
| VARBL                   |       |       |        | - 1.6    |         |         |         |         |              | <del>                                     </del> |      |       |                       |
| CALM                    | ><    | ><    | > <    | $\geq <$ | ><      | ><      | ><      | > <     | > <          | $\sim$   | > <  | .6    |                       |
|                         | . 3   | 4.0   | 15.8   | 40.0     | 28.0    | 10.5    | .6      | . 1     |              |  |      | 100.0 | 15,                   |

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PROFESSET TRACES FTACKUSAS AIR EAT FE SELVICENSAG

2

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| £ 150 1 | greates Time ISLAND/PACIFIC IS | 46 <b>-7</b> 2 | ΔR             |
|---------|--------------------------------|----------------|----------------|
| STATION | STATION NAME                   | YEARS          | MONTH          |
|         | ALL                            | WEATHER        | 0300-0500      |
|         |                                | CLASS          | Hauns (L.S.Y.) |
|         |                                | COMDITION      |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------|--------|---------|-------------|---------|-------------|-------------|-------------|-------------|-----|-------|-----------------------|
| N                       |          | . 4   | .6     | 1.2     | . 4         |         |             |             |             |             |     | 2.5   | 11.7                  |
| NNE                     |          | . 3   | . 9    |         | . 8         | . B     |             |             |             |             |     | 4.2   | 14.                   |
| NE                      |          | 7     | 4.4    | 7.0     | 0,7         | 2.3     | . 3         |             |             |             |     | 19.3  | 15.                   |
| ENE                     | . 1      | . 9   | 4.0    |         | 11.6        | 6.0     | .7          | . 1         |             |             |     | 37.1  | 18.                   |
| E                       | , 2      | 1.0   | 4,6    |         | 5,8         | . 8     | • 1         |             |             |             |     | 24.3  | 13.                   |
| ESE                     |          |       | 1.7    | 3.6     | 1.3         | , 2     |             |             |             |             |     | 7.1   | 13.                   |
| SE                      |          | . 4   | . B    | , 6     | _           |         |             |             |             |             |     | 1.9   | 10.0                  |
| SSE                     |          | . 2   | . 3    | . 4     |             |         |             |             |             |             |     | . 9   | 9.0                   |
| S                       |          | . 1   | ,2     | . 2     | . 1         |         |             |             |             | i           |     | . 5   | 11.                   |
| ssw                     |          | • l   |        |         |             |         |             |             |             |             |     | , 2   | 11.                   |
| sw                      |          |       | . 2    | 1       | <u>. 1</u>  |         |             |             | <u>.</u>    | <u></u>     |     | . 5   | 11.                   |
| wsw                     |          |       | . 1    | 2       |             |         |             |             |             |             |     | . 3   | 11.                   |
| w                       |          |       | , 2    |         | . 1         |         |             |             |             |             |     | . 2   | 11.                   |
| WNW                     | <u> </u> | الم و |        |         |             |         |             |             |             |             |     | 1     | 6.                    |
| NW                      |          |       |        |         |             |         |             |             |             |             |     | . 1   | 6.0                   |
| NNW                     |          |       | . 1    | 1       |             |         |             |             |             |             | L   | , 2   | 10.0                  |
| VARBL                   |          |       |        |         |             |         |             |             |             |             |     | ĭl    |                       |
| CALM                    | ><       | ><    | ><     | ><      | $\geq \leq$ | ><      | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ><  | , 7   |                       |
|                         | ال ا     | 4.5   | 16.2   | 40.2    | 26.9        | 10.0    | _1.1        | 1           |             |             |     | 100.0 | 14.                   |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

24TA PROCESSING BRANCH ETAC/USAF AIR REATHER SERVICE/FAC

2

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21003   | COMETER ISLAND/PACIFIC IS | 46=72     | PAR            |
|---------|---------------------------|-----------|----------------|
| STATION | STATION NAME              | YEARS     | MONTH          |
|         | AL .                      | L WEATHER | 0690-0800      |
|         |                           | CLASS     | HOURS (L.S.Y.) |
|         |                           |           |                |
|         |                           | COMPLYION |                |
|         |                           |           |                |
|         |                           |           |                |
|         |                           |           |                |
|         |                           |           |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       |       | . 4   | .5     | .6      | . 1     |         |         |         |         |         |     | 1.5   | 10.                   |
| NNE                     |       | . 5   | 1.4    | 1.4     | 1.5     | . 6     |         |         |         |         |     | 5.2   | 14                    |
| NE                      | . 1   | . 7   | 2.7    | 6.9     | 6.1     | 1.8     | . 2     |         |         |         |     | 18.4  | 15                    |
| ENE                     | . 2   | . 8   | 4.2    | 12.6    | 12.4    | 4,6     | 1.1     |         |         |         |     | 36.0  | 16,                   |
| E                       | 2     | . 8   | 4,9    | 11.8    | 6.8     | 1.0     | • 1     |         |         |         |     | 25.5  | 14,                   |
| ESE                     | . 1   | . 4   | 1.8    | 4.3     | 1.1     | . 4     |         |         |         |         |     | 8.1   | 13,                   |
| SE                      | - 1   | . 2   | . 4    | . 5     | . 3     |         |         |         |         |         |     | 1.5   | 1,2                   |
| SSE                     |       | . 2   | . 4    | . 4     |         |         |         |         |         | i       |     | 1.0   | 9                     |
| s                       |       | .1    | . 3    | . 4     |         |         |         |         |         |         |     | R     | 10,                   |
| SSW                     |       |       | . 1    | . 1     |         |         |         |         |         |         |     | , 1   | 12,                   |
| sw                      |       | . 1   | .1     | . 1     | , 1     |         |         |         |         |         |     | . 4   | 11,                   |
| wsw                     |       | . 1   | . 1    |         |         |         |         |         |         |         |     | , ?   | 7,                    |
| w                       |       |       | • 1    | . 1     | .1      |         |         |         |         |         |     | . 3   | 13                    |
| WNW                     |       | . 1   |        |         |         |         |         |         |         |         |     | , 1   | 5                     |
| NW                      |       | . 1   | . 1    | . 1     | - 1     |         |         |         |         |         |     | . 4   | 12                    |
| NNW                     |       |       |        |         | , 1     |         |         |         |         |         |     | . 1   | 18                    |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |     |       |                       |
| CALM                    | ><    | ><    | ><     | ><      | ><      | ><      | ><      | ><      |         |         | ><  | . 5   |                       |
|                         | .6    | 4.5   | 17.0   | 39.1    | 28.6    | 8.5     | 1.4     |         |         |         |     | 100.0 | 14                    |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

"ATA PRICESS" FTAC/USAN AIR FEAT ER ENVICEMENT

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216 3   | JAMAT N ISLAND/PACIFIC IS | 46=72     |       | 4AR            |
|---------|---------------------------|-----------|-------|----------------|
| STATION | STATION NAME              |           | YEARS | MONTH          |
|         | A                         | 0900-1100 |       |                |
|         |                           | CLASS     |       | HOURS (L.S.T.) |
|         |                           | COMDITION |       |                |

|                         | . 4         | 3,4   | 16.6     | 40.1        | 30.1        | 8.1         | . 7      | - 1     |          |         |     | 100.0 | 14                 |
|-------------------------|-------------|-------|----------|-------------|-------------|-------------|----------|---------|----------|---------|-----|-------|--------------------|
| CALM                    | $\geq \leq$ | ><    | $\geq <$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $>\!\!<$ | > <     | $>\!\!<$ | ><      | ><  | . 4   |                    |
| VARBL                   |             |       |          |             |             |             |          |         |          |         |     |       |                    |
| WHM                     |             |       |          |             |             |             |          |         |          |         |     |       |                    |
| NW                      |             | • 1   |          | . 1         |             |             |          |         |          |         |     | . 2   | 10                 |
| WNW                     |             |       | . 2      |             |             |             |          |         |          |         |     | , 2   |                    |
| w                       |             | . 1   |          | . 1         |             |             |          |         |          |         |     | . 1   | - 1                |
| wsw                     |             |       | . 1      | • 1         |             |             |          |         |          |         |     | . 7   | 10                 |
| sw                      |             | . 1   | . 2      | . 1         | . 1         |             |          |         |          |         | _   | . 5   | 10                 |
| SSW                     |             | • 1   | . 2      | . 2         |             |             |          |         |          |         |     | . 5   | 10                 |
| 5                       |             | • 1   |          |             |             |             |          |         |          |         |     | . 8   | 1                  |
| SSE                     |             | ٤.    | . 5      | . 3         |             |             |          |         |          |         |     | 1.1   | -                  |
| SE                      |             | . 2   | , 6      | . 5         | . 1         |             |          |         |          |         |     | 1.4   | 13                 |
| ESE                     | .1          | . 3   | 1.9      | 4.5         | 1.9         |             |          |         |          |         |     | 9.0   | 1                  |
| E                       |             | . 6   | 4.9      | 12.4        | 8.1         | 1.5         | . 1      | • 1     |          | 1       |     | 27.6  | 1                  |
| ENE                     | . 1         | . 5   | 3.6      | 10.8        | 12.7        | 4.1         | . 4      |         |          |         |     | 32.3  | 17                 |
| NE                      | . 1         | . 5   | 2.7      | 5.5         | 5.8         |             | . 2      |         |          |         |     | 19.6  | 1!                 |
| NNE                     | . ?         | , 5   | . 7      | 1.5         | 1.4         | . 4         | . 1      |         |          | 1       |     | 4.9   | 14                 |
| N                       |             | • 1   | . 6      | . 4         | .1          | <u> </u>    |          |         |          |         |     | 1.2   | 1                  |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10   | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33  | 34 - 40 | 41 - 47  | 48 - 55 | ≥56 | %     | MEA<br>WIN<br>SPEI |

TOTAL NUMBER OF OBSERVATIONS

1702

USAFETAC FORM  $_{3U,\ 64}$  0.8.5 (OL·1) previous editions of this form are obsolete

DATA PROCESSING BRANCH ETAC/USAF ATR CEATHER SERVICE/MAC

2

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JUHNSTON ISLAND/PACIFIC IS | 46=72   | ~ AR           |
|---------|----------------------------|---------|----------------|
| STATION | STATION NAME               | YEARS   | MONTH          |
|         | ALL                        | WEATHER | 1200-1400      |
|         |                            | CLASS   | HOURS (L.S.Y.) |
|         |                            |         |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----|-------|-----------------------|
| N                       | 1           |             | . 8         | .6          |             | . 1         |             |             |             |             |     | 1.9   | 10.3                  |
| NNE                     |             | . 6         | 1.2         | 1.5         | 1.2         | 2           |             |             |             |             |     | 4.7   | 13.4                  |
| NE                      | . 2         | . 9         | 2.1         | 7.6         |             | 2.1         | 1           |             |             |             |     | 19.4  | 15.7                  |
| ENE                     |             | , 6         | 3.6         |             | 12.9        |             | , 2         |             |             |             |     | 33.8  |                       |
| E                       |             | . 8         | 5.1         | 13.1        | 5.0         |             | . 1         |             |             |             |     | 25,5  | 14.2                  |
| ESE                     | 1           | 94          | 1.9         | 4.3         | 1.9         | . 3         |             |             |             |             |     | Я 9   |                       |
| SE                      |             | 4           | . 6         |             |             |             |             |             |             |             |     | 2,1   | 10,3                  |
| SSE                     |             | 1           | 4           | 2           |             |             |             |             |             |             |     | , A   | 9,5                   |
| s                       | 1           | .2          | 6           |             |             |             |             |             |             |             |     | . 3   | 8,6<br>10,4           |
| 55W                     |             | 1           | 2           | 2           |             |             |             |             |             |             |     | , 4   | 10,4                  |
| sw                      |             | 2           | 3           | 3           |             |             |             |             |             |             |     | , R   | 10.0                  |
| wsw                     |             |             | 1           | 1           |             |             |             |             |             |             |     | , 1   | 11,5                  |
| w                       | L           | 1           |             | . 2         |             |             |             |             |             |             |     | . 3   | 10.6                  |
| WNW                     |             | 1           |             | 1           |             |             |             |             |             |             |     | 1     | 9,0                   |
| NW                      |             | 1           |             | 1           |             |             |             |             |             |             |     | , ?   | 8,0                   |
| NNW                     |             |             | 1           | 1           |             |             |             |             |             |             |     | , 2   | 10,8                  |
| VARBL                   | L           |             |             |             |             |             |             |             | L           | L           |     | L     |                       |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | ><  | . 2   |                       |
|                         | 4           | 4.6         | 17.0        | 42.1        | 27.5        | 7.8         | . 4         | 1           |             |             |     | 100.0 | 14.7                  |

TOTAL NUMBER OF OBSERVATIONS

DATA PRICESSIDE ERANCH FTACZUSAL AIR EAT ER SERVICEZ AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216.    | OF MAT N ISLAND/PACIFIC IS | 46=72    | ٠Δk            |
|---------|----------------------------|----------|----------------|
| STATION | STATION HAME               | YEARS    | MONTH          |
|         | ALL_                       | WEATHER  | 1500-1700      |
|         |                            | CLASS    | HOURS (L.S.T.) |
|         |                            | ORDITION |                |

|                         | . 4      | 4.5      | 16.5   | 42.6    | 26.7        | 8,3      | .6       | . 1     |          |         |     | 100.0 | 14                 |
|-------------------------|----------|----------|--------|---------|-------------|----------|----------|---------|----------|---------|-----|-------|--------------------|
| CALM                    | $\geq$   | $\geq <$ | ><     | ><      | $\geq \leq$ | $\geq <$ | $\geq <$ | ><      | $>\!\!<$ | ><      | ><  | . 3   |                    |
| VARBL                   |          |          |        |         |             |          |          |         |          |         |     |       |                    |
| NNW                     |          | - 1      | . 1    | . 2     | , 2         |          |          |         |          |         |     | . 6   | 12                 |
| NW                      | L        |          | 1      |         |             |          |          |         |          |         |     | . 2   | 7                  |
| WNW                     |          |          |        | 1       |             |          |          |         |          |         |     | , 1   | 15                 |
| w                       |          |          | 1      | . 2     |             |          |          |         |          |         |     | , 3   | 13                 |
| wsw                     | <u> </u> |          | . 2    | . 1     |             |          |          |         |          |         |     | . 4   | 10                 |
| sw                      |          | . 1      | 1      | . 2     | . 1         |          |          |         |          |         |     | .6    | 11                 |
| SSW                     |          |          | 3      | . 2     |             |          |          |         |          |         |     | . 5   | 9                  |
| 5                       |          | 5.       | , 3    | 2       | . 1         |          |          |         |          |         |     | , R   | 9                  |
| SSE                     |          |          | . 3    | 5.      | . 1         |          |          |         |          |         |     | .6    | 10                 |
| SE                      |          | . 2      | .7     | 1.0     |             |          |          |         |          |         |     | 1.9   | 10                 |
| ESE                     |          | , 4      | 2.1    | 3,7     | . 9         | . 2      |          |         |          |         |     | 7.2   | 12                 |
| E                       |          | , 8      | 4.1    | 12.2    | 5,4         | 1.1      | . 1      |         |          |         |     | 23,7  | 14                 |
| ENE                     | . 1      | . 6      | 3.0    | 12.8    | 11.6        | 4.4      | . 3      |         |          |         |     | 32,7  | 16                 |
| NE                      | . 2      |          | 2.7    | 6,3     | 7.1         | 1.8      | -1       | • 1     |          |         |     | 21.4  | 1:                 |
| NNE                     |          | . 4      | 1.5    | 2.6     | 1.0         | . 7      | • 1      |         |          |         |     | 6.3   | 1.3                |
| N                       | . 1      | . 5      | .9     | . 5     | . 2         | • 1      |          |         |          |         |     | 2.4   | 10                 |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21     | 22 - 27  | 28 - 33  | 34 - 40 | 41 - 47  | 48 - 55 | ≥56 | *     | MEA<br>WIN<br>SPEE |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH ETAC/USAF AIR MEATTEN SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JOHNSTON ISLAND/PACIFIC IS | 46=72      | y ΔR           |
|---------|----------------------------|------------|----------------|
| STATION | STATION NAME               | YEARS      | MONTH          |
|         | AI                         | LL WEATHER | 1800=2000      |
|         |                            | CLASS      | HOURS (L.S.T.) |
|         |                            |            |                |
|         |                            | CONDITION  |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6     | 7 - 10      | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-----------|-------------|----------|---------|---------|-------------|---------|---------|---------|-----|-------|-----------------------|
| N                       |             | . 3       | . 8         | .6       | . 3     |         |             |         |         |         |     | 2,0   | 11,                   |
| NNE                     | 1           | . 5       | 1.4         | 2.9      | 1.9     | . 9     | • 1         |         |         |         |     | 7,7   | 14.                   |
| NE                      |             | . 8       | 3.5         | 7.7      | 6.6     | 1.9     | . 2         |         |         |         |     | 20.8  | 15.                   |
| ENE                     | -7          | , 4       | 3.4         | 13.7     | 12.9    | 4.9     | . 4         | . 2     |         |         |     | 35.8  | 16.                   |
| E                       | . 2         | . 6       | 3.5         | 11.0     | 5,7     | 1.0     | , 2         |         |         | 1       |     | 22,2  | 14.                   |
| ESE                     |             | . 4       | 1.1         | 3.0      | 1.2     | . 2     | , 1         |         |         |         |     | 6,1   | 13,                   |
| SE                      |             | . 2       | . 8         | . 6      |         |         |             |         |         |         |     | 1.8   | 9.                    |
| SSE                     |             | . 1       | 2           | . 2      |         |         |             |         |         |         |     | . 5   | 10.                   |
| S                       |             | 2         | . 2         | 3        |         |         |             |         |         |         |     | .6    | 10.                   |
| ssw                     |             | . 2       | - 1         | 3        |         |         |             |         |         |         |     | ,6    | 9,                    |
| sw                      |             |           | 1           |          |         |         |             |         |         |         |     | , 2   | 12,                   |
| wsw                     |             |           |             | . 2      | 1       |         |             |         |         |         |     | . 4   | 13,                   |
| w                       |             |           | 2           |          |         |         |             |         |         |         |     | . 3   | 10.                   |
| WNW                     |             |           |             |          |         |         |             |         |         |         |     | . 1   | 4.                    |
| NW                      |             | . 2       | 1           |          |         |         |             |         |         |         |     | . 5   | 8.                    |
| NNW                     |             |           | 2           |          | 1       |         |             |         |         |         |     | . 4   | 8.                    |
| VARBL                   |             |           |             |          |         |         |             |         |         |         |     |       |                       |
| CALM                    | $\geq \leq$ | $\geq < $ | $\geq \leq$ | $\geq <$ | ><      | ><      | $\geq \leq$ | ><      | > <     | ><      | ><  | . 2   |                       |
|                         |             | 3.9       | 15.7        | 40.8     | 28.9    | 8.9     | . 9         | . 2     |         |         |     | 100.0 | 15,                   |

TOTAL NUMBER OF OBSERVATIONS 1699

USAFETAC  $_{
m JUL~64}^{
m FORM}$  0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PRICESSING KARCH FTAC/USAR AIR EAT ER SE VICE/GAC

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# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21663   | JUHNS TON ISLAND/PACIFIC IS | 46-72     | 48             |
|---------|-----------------------------|-----------|----------------|
| STATION | STATION NAME                | YEARS     | MONTH          |
|         | ALL                         | WEATHER   | 2106=2300      |
|         |                             | CLASS     | HOURS (L.S.T.) |
|         |                             | COMDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33     | 34 - 40 | 41 - 47  | 48 - 55     | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|----------|---------|---------|----------|-------------|---------|----------|-------------|------|-------|-----------------------|
| N                       | . 1   | , 5   | .5       | . 4     | . 2     | • 1      |             |         |          |             |      | 1.7   | 1c.                   |
| NNE                     |       | . 4   | 1.2      | 2.6     | 1.6     | . 6      |             |         |          |             |      | 6.4   | 14.                   |
| NE                      | . 1   | . 5   | 2.2      | 7.5     | 7.9     | 1.8      | . 2         |         |          |             |      | 20.2  | 15.                   |
| ENE                     | . 1   | . 5   | 3.9      | 11.6    | 12.6    | 6.4      | . 6         | • 1     |          |             |      | 35.8  | 16.                   |
| E                       | , 2   | , 8   | 3.8      | 12,2    | 6,5     | 1.5      | • 1         |         |          |             |      | 25,0  | 14.                   |
| ESE                     | . 1   | . 2   | 1.3      | 3.2     | 1,4     | . 2      |             |         |          |             |      | 6.4   | 13.                   |
| SE                      | . 1   | . 2   | . 6      | .6      | . 1     |          |             | -       |          |             |      | 1.6   | 9.                    |
| SSE                     | . 1   |       | . 2      | . 5     |         |          |             |         |          |             |      | .7    | 11,                   |
| S                       |       |       | , 3      | 5.      |         |          |             |         |          |             |      | . 9   | 10.                   |
| ssw                     |       | • 1   | • 1      |         |         |          |             |         |          |             |      | . 2   | 6.                    |
| sw                      |       |       | , 2      | . 1     |         |          |             |         |          |             |      | . 2   | 9,                    |
| wsw                     |       |       | . 2      | , 2     |         |          |             |         |          |             |      | . 4   | le,                   |
| w                       |       |       | 1        | • 1     |         |          |             |         |          |             |      | . 1   | 11,                   |
| WNW                     |       |       |          |         |         |          |             |         |          |             |      |       |                       |
| NW                      |       | 1     | . 2      | . 1     |         |          |             |         |          |             |      | . 4   | 8,                    |
| NNW                     |       | . 2   |          | . 1     |         |          |             |         |          |             |      | . 2   | 7,                    |
| VARBL                   |       |       |          |         |         |          |             |         |          |             |      |       |                       |
| CALM                    | ><    | ><    | $\geq <$ | ><      | > <     | $\geq <$ | $\geq \leq$ | ><      | $\geq <$ | $\geq \leq$ | >>   | . 1   |                       |
|                         | . 7   | 3.5   | 14.6     | 39.3    | 30.4    | 10.5     | . 8         | . 1     |          |             |      | 100.0 | 15,                   |

TOTAL NUMBER OF OBSERVATIONS 1700

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

The Sale of the Sale

CATA PREPRISSING PRACE FIAC/USAM AIR FATHER RESVICE/ MC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21003   | JUHNST N ISLAND/PACIFIC IS | 45-72     | ΔPR            |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | , MEATHER | 0000-0200      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47     | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------------|---------|------|-------|-----------------------|
| N                       | • 1   | . 2   | . 3    | . 5     | , 3     |         |         |         |             |         |      | 1.3   | 11.0                  |
| NNE                     | . 1   | . 2   | . 5    | 1.2     | . 4     |         |         |         |             |         |      | 2.4   | 12.                   |
| NE                      | -1    | , 6   | 1.6    | 4.6     | 4.4     | 1.6     | • 1     |         |             |         |      | 12.9  | 15.0                  |
| ENE                     | .1    | .7    | 3.2    | 14.3    | 13.0    | 4.6     | . 3     |         |             |         |      | 36.1  | 16.                   |
| E                       | . 1   | .7    | 6.7    | 19.7    | 7.6     | 1.4     |         |         |             |         |      | 36.1  | 14.                   |
| ESE                     |       | • 1   | . 9    | 3,4     | 1.0     | . 3     | . 1     |         |             |         |      | 5.9   | 14.                   |
| SE                      |       | • 1   | . 2    |         | . 2     | • 1     |         |         |             |         |      | 1.6   | 13.                   |
| SSE                     |       | , 2   | . 5    | . 3     | . 1     |         |         |         |             |         |      | 1.0   | 9.0                   |
| S                       | . 1   | • 1   | . 2    | , 5     |         |         |         |         |             |         |      | . 8   | 10.6                  |
| ssw                     |       |       |        | . 1     |         |         |         |         |             |         |      | .1    | 15.0                  |
| sw                      |       | . 2   | . 1    | • 1     |         |         |         |         |             |         |      | • 3   | 6.                    |
| wsw                     |       | . 1   | • 1    | • 1     |         |         |         |         |             |         |      | . ?   | 9.3                   |
| w                       |       |       | , 2    | . 2     |         |         |         |         |             |         |      | . 4   | 10.                   |
| WNW                     | . 1   |       | . 1    |         |         |         |         |         |             |         |      | . 1   | 5,:                   |
| NW                      |       |       |        |         | . 1     |         |         |         |             |         |      | . 1   | 21.0                  |
| MMM                     | . 1   |       |        | . 1     | . 1     |         |         |         |             |         |      | . 4   | 8.4                   |
| VARBL                   |       |       |        |         |         |         |         |         |             |         |      |       |                       |
| CALM                    | ><    | ><    | ><     | ><      | ><      | ><      | > <     | > <     | $\supset <$ | ><      | > <  | . 2   |                       |
|                         | .6    | 3,2   | 14.6   | 45.9    | 27.0    | 7,9     | . 5     |         |             |         |      | 100.0 | 14,9                  |

TOTAL NUMBER OF OBSERVATIONS

| _ |  |
|---|--|

DATA PRUCESSING BRANCH ETAC/USAL AIR "EATHER SERVICE/MAC

2

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216.)'3<br>STATION | JUHNST N ISLAND/PACIFIC IS | 45-72<br>YEARS   | APR                         |
|--------------------|----------------------------|------------------|-----------------------------|
|                    |                            | NEATHER<br>GLASS | 0300=0500<br>HOURS (L.S.T.) |
|                    | co                         | MOTTION          |                             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47      | 48 - 55  | ≥56       | %         | MEAN<br>WIND<br>SPEED |
|-------------------------|--|-----|--------|---------|---------|---------|---------|---------|--------------|----------|-----------|-----------|-----------------------|
| N                       | 2  | 1   | . 5    | د.      | . 2     |         |         |         |              |          |           | 1,5       | 10                    |
| NNE                     | 2  | . 1 | . 6    | 4       | ,7      | 1       |         |         |              |          |           | 2.1       | 12                    |
| NE                      |  | , 5 | 2.0    | 5.5     | 4.4     | . 6     | • 1     |         |              |          |           | 13,1      | 1.5                   |
| ENE                     | . 1  | , 6 | 3,5    | 14.5    | 13.0    | 3.9     | . 3     |         |              |          |           | 35.0      | 16                    |
| E                       |  | .7  | 6.0    | 18.9    | 7,5     | 1.0     |         |         |              | <u> </u> |           | 34.2      | 14                    |
| ESE                     |  | . 2 | 1.5    | 4.5     | .9      | • 1     |         |         |              |          | 1         | 7.1       | 13                    |
| SE                      |  | 1   | . 8    | 1.1     | . 3     |         |         |         |              |          |           | 2.2       | 12                    |
| SSE                     |  | .1  | . 2    | .5      |         |         |         |         |              |          |           | . 7       | 11                    |
| s                       | . 1  | . 2 | . 3    | • 2     |         |         |         |         | 1            |          |           | . 7       |                       |
| ssw                     |  | . 2 | . 2    |         |         |         |         |         |              |          |           | . 3       |                       |
| SW                      |  | . 1 | . 3    | 2       |         |         |         |         | T            |          |           | .6        | •                     |
| wsw                     |  | 1   | . 2    | • 1     |         |         |         |         |              |          |           | , 3       |                       |
| w                       |  |     | . 2    | .1      |         |         |         |         | T            |          |           | . 3       |                       |
| WNW                     |  |     |        | .1      |         |         |         |         |              |          |           | .1        | 11                    |
| NW                      |  |     | . 1    |         |         |         |         |         |              |          |           | .1        | 10                    |
| NNW                     |  | - 1 | . 1    |         | . 1     |         |         |         |              |          |           | . 3       | 1                     |
| VARBL                   | <del>                                     </del> |     |        |         |         |         |         |         | <del> </del> |          | t — — - t | _ <b></b> |                       |
| CALM                    |  | ><  | > <    | ><      | ><      | > <     | ><      | ><      |              |          |           | . 4       |                       |
|                         | . 7  | 2.9 | 16.4   | 46.5    | 27.1    | 5.7     | . 3     |         |              |          |           | 100.0     | 14                    |

TOTAL NUMBER OF OBSERVATIONS 1736

DATA PRICESSING SRANCH ETACYUSAF AIR FEATTER FERVICEN AC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 510/13  | 31114                   | 14 1 C 14                               | PANISA  |        | r 12    |         | 42      | <del>- 16</del> |         |         |             |     |      | APK_                  |
|---------|-------------------------|---|---------|--------|---------|---------|---------|-----------------|---------|---------|-------------|-----|------|-----------------------|
| STATION |                         |   | STATION | NAME   |         |         |         |                 |         | YEARS   |             |     | -    | HTHOI                 |
|         |                         |   |         |        |         | ALL W   | EATHER  |                 |         |         |             |     | 060  | 0080-0                |
|         |                         | _                                       |         |        |         | CI      | ASS     |                 |         |         | <del></del> |     | HOUR | 6 (L.S.Y.)            |
|         |                         | -                                       |         |        |         | CON     | DITION  |                 |         |         |             |     |      |                       |
|         |                         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |         |        |         |         |         |                 |         | ,       |             |     |      | _                     |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3                                   | 4 - 6   | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33         | 34 - 40 | 41 - 47 | 48 - 55     | ≥56 | %    | MEAN<br>WIND<br>SPEED |
|         | N                       | 1 .:                                    | 1 .2    | .4     | .4      | • 1     |         |                 |         |         |             |     | 1.1  | 9.8                   |
|         | NNE                     |   | , 3     | . 5    | 1.0     | . 3     | .1      |                 |         |         |             |     | 2.2  | 12.2                  |
|         | NE                      |   | . 5     | 1.2    | 5.1     | 4.6     |         |                 |         |         |             |     | 12.9 | 15.8                  |
|         | ENE                     |   | . 3     | 3.1    | 14.9    | 13.1    | 3.8     | , 5             |         |         |             |     | 35.7 | 16.4                  |
|         | E                       |   |         | 5,2    | 19.5    | 7.1     | 1.2     |                 |         |         |             |     | 33,6 | 14.1                  |
|         | ESE                     | 11                                      | 7       | 2 0    | 3.6     | 1.0     | 1       |                 |         |         |             |     | 7.0  | 12.9                  |

| DIR.  | lj.         |          |        |      |          | ļ   |     |        | ! |             | 1           |       | SPEED |
|-------|-------------|----------|--------|------|----------|-----|-----|--------|---|-------------|-------------|-------|-------|
| N     | .1          | 2        | .4     | . 4  | . 1      |     |     |        |   |             |             | 1.1   | 9.    |
| NNE   | .1          | . 3      | .5     | 1.0  | . 3      | .1  |     |        |   |             |             | 2.2   | 12.   |
| NE    |             | .5       | 1.2    | 5.1  | 4.6      | 1.3 |     |        |   |             |             | 12.9  | 15.   |
| ENE   | . 1         |          | 3.1    | 14.9 | 13.1     | 3,3 | , 5 |        | ` |             |             | 35.7  | 18.   |
| E     | 1           | . 6      | 5,2    |      | 7.1      | 1.2 |     |        |   |             |             | 33,6  | 14.   |
| ESE   | 1           | . 3      | 2.0    | 3,6  | 1.0      |     |     | ļ —    |   | 1           | 1           | 7.0   | 12.   |
| SE    |             | . 2      | 1.2    |      | ,2       | •1  |     |        |   |             |             | 2.9   | 11.   |
| SSE   |             | .1       | . 3    | . 6  | . 1      |     |     |        |   | 1           |             | 1.0   | 11.   |
| \$    |             | .3       | . 3    | . 2  |          |     |     |        | 1 |             |             | .8    | Б.    |
| SSW   |             |          | . 2    | . 1  |          |     |     |        |   | 1           |             | . 3   | 10.   |
| sw    | 1           | • 1      | - 1    | , 2  |          |     |     |        | 1 |             |             | . 3   | Ic.   |
| wsw   |             | • 1      | .1     | . 2  |          |     |     |        |   |             |             | . 4   | 8.    |
| w     |             | • 1      | , 2    |      |          |     |     |        |   |             |             | . 3   | 8,    |
| WNW   | T           | • 1      | .1     | . 1  |          |     |     |        |   |             |             | . 2   | 8,    |
| NW    |             | . 1      |        |      |          |     |     |        |   |             |             | . 1   | 6.0   |
| NNW   | 1           | • 4      | -1     | 1    | . 1      | . 1 |     | 1      |   |             |             | . 3   | 15.   |
| VARBL |             |          |        |      |          |     |     |        |   |             |             |       |       |
| CALM  | $\geq \leq$ | $\times$ | $\geq$ | ><   | $\geq <$ |     | > < | $\geq$ |   | $\supset <$ | $\supset <$ | .7    |       |
|       | . 2         | 3.2      | 14.8   | 47.2 | 26.8     | 6.6 | . 5 |        |   |             |             | 100.0 | 14.   |

TOTAL NUMBER OF OBSERVATIONS 1736

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PRINESSING BRANCH 2

FTAC/USAF AIR FEATTER SERVICE/ 14C

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21663   | JUHNSTON ISLAND/PACIFIC IS | 45-72     | APR            |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALI                        | . WEATHER | 0500-1100      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6    | 7 - 10   | 11 - 16    | 17 - 21 | 22 - 27 | 28 - 33  | 34 - 40     | 41 - 47  | 48 - 55  | ≥56      | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------|----------|------------|---------|---------|----------|-------------|----------|----------|----------|-------|-----------------------|
| N                       | . 1   | , 4      | , 2      | • 2        | .1      | • 1     |          |             |          |          |          | 1.0   | 9.1                   |
| NNE                     |       | . 2      | . 3      | 1.2        | 4       |         |          |             |          |          |          | 2.1   | 12,8                  |
| NE                      | ]     | . 2      |          | 4.6        | 5.0     | 1.2     | .1       | _           |          |          |          | 12,3  | 16,3                  |
| ENE                     |       | • 1      | 3.1      | 14.8       | 12,0    | 4.5     | , 3      |             |          |          |          | 34.9  | 16,5                  |
| E                       | . 2   | . 5      | 4.6      | 20.7       | 7,5     | 1.5     |          |             |          |          |          | 34.9  | 14.4                  |
| ESE                     |       | , 3      | 1.6      |            | 1,1     | . 2     |          |             |          |          |          | 7.6   | 13.1                  |
| SE                      |       | . 2      |          |            | . 2     | . 2     |          |             |          |          |          | 2.6   | 12.3                  |
| SSE                     |       | . 3      | . 5      | . 7        | , 2     |         |          |             |          |          |          | 1.8   | 11.3                  |
| S                       |       | . 2      | 1        | . 3        |         |         |          |             |          |          |          | .6    | 8,6                   |
| ssw                     | i     |          | . 1      |            |         |         |          |             |          |          |          | . 1   | 10,0                  |
| sw                      |       | - 2      |          | .3         |         |         |          |             |          |          |          | 7     | 11,6                  |
| wsw                     |       |          | 2        |            |         | L       |          |             |          | l        |          | , 2   | 9,0<br>7,2<br>11,5    |
| w                       |       | 2        | 1        |            |         |         |          |             |          |          |          | , 3   | 7.2                   |
| WNW                     |       |          | 1        | 1          |         |         |          |             | <u> </u> |          |          | 1     | 11.5                  |
| NW                      | i     | . 2      |          |            |         |         |          |             |          |          |          | , 2   | 5,7                   |
| MMM                     | i     | 1        | 1        | 1          | 1       |         |          |             |          |          |          | , 3   | 12,2                  |
| VARBL                   |       |          |          |            |         |         |          |             |          |          |          |       |                       |
| CALM                    | ><    | $>\!\!<$ | $\times$ | $\searrow$ | ><      | ><      | $\times$ | $\geq \leq$ | ><       | $\geq <$ | $\geq <$ | . 4   |                       |
|                         | . 2   | 3.1      | 12.8     | 48.8       | 26.7    | 7.5     | . 4      |             |          |          |          | 100.0 | 14.9                  |

TOTAL NUMBER OF OBSERVATIONS 1736

USAFETAC  $_{\rm JUL~64}^{
m FORM}$  0-8-5 (OL-1) previous editions of this form are obsolete

SATA PROCESSING SKANCH PTACTUSAL AIR ENT FE SERVICETE AC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 210C2   | ا بريال        | D-2-14 F | 2 P W M : 1 1 | STATION HARE YEARS |               |               |               |               |               |         |         |     |       | pr R       |  |  |
|---------|----------------|----------|---------------|--------------------|---------------|---------------|---------------|---------------|---------------|---------|---------|-----|-------|------------|--|--|
| STATION |                |          | STATION       | IMAM I             |               |               |               |               |               | YEARS   |         |     |       | IONTH      |  |  |
|         |                |          |               |                    |               | ALL W         | HATHER        |               |               |         |         |     | 1200  | 0-1400     |  |  |
|         |                |          |               |                    |               | CI            | ASS           |               |               |         |         |     | HOURS | 8 (L.S.T.) |  |  |
|         |                |          |               |                    |               |               |               |               |               |         |         |     |       |            |  |  |
|         |                |          |               |                    |               | CON           | DITION        |               |               |         |         |     |       |            |  |  |
|         |                | _        |               |                    |               |               |               |               |               |         |         |     |       |            |  |  |
|         |                |          |               |                    |               |               |               |               |               |         |         |     |       |            |  |  |
|         | SPEED          |          |               |                    |               |               |               |               |               |         |         |     |       | MEAN       |  |  |
|         | (KNTS)<br>DIR. | 1 - 3    | 4-6           | 7 - 10             | 11 - 16       | 17 - 21       | 22 - 27       | 28 - 33       | 34 - 40       | 41 - 47 | 48 - 55 | ≥56 | %     | WIND       |  |  |
|         | N              |          | . 3           | , 5                | • 3           |               |               |               |               |         |         |     | 1.1   | 9.7        |  |  |
|         | NNE            |          |               | . 0                | . 7           | , 3           |               |               |               |         |         |     | 1.9   |            |  |  |
|         | NE             |          |               | 1.8                | 5,4           | 4.3           | 1.5           | • 1           |               |         |         |     | 13.3  | 15.9       |  |  |
|         | ENE            |          | ,6            | 3.2                | 13.0          | 13.1          | 4,5           | . 2           |               |         |         |     | 34.6  | 16.4       |  |  |
|         | E              |          | , 3           |                    | 20.3          | 7.6           | 1.0           | . 1           |               |         |         |     | 34.8  |            |  |  |
|         | ESE            |          | . 2           |                    |               | 1.2           | • 2           |               |               |         |         |     | 6.7   | 13.1       |  |  |
|         | SE             | . 1      | . 3           | .7                 | 1.0           | . 2           |               |               |               |         |         |     | 2.4   | 10.7       |  |  |
|         | SSE            |          | 3             | , 7                | 1.0           | . 2           | . 2           |               |               |         |         |     | 2,3   | 11,7       |  |  |
|         | S              |          | • 1           | . 2                | . 2           | . 1           |               |               |               |         |         |     | . 5   | 11.0       |  |  |
|         | ssw            |          | . 1           |                    | 1             |               |               |               |               |         |         |     | . 7   | 9.7        |  |  |
|         | sw             |          | . 2           | . 1                |               |               |               |               |               |         |         |     | .6    |            |  |  |
|         | wsw            |          | . 1           | . 2                |               |               |               |               |               |         |         |     | , 5   | 11.8       |  |  |
|         | w              | II .     | . 1           | . 2                | • 1           | . 1           |               |               |               |         |         |     | . 4   | 9.6        |  |  |
|         | WNW            |          | 1             |                    |               |               |               |               |               |         |         |     | . 1   | 5.0        |  |  |
|         | NW             |          | • 4           | . 2                |               |               |               |               |               |         |         |     | . 3   | 7.2        |  |  |
|         | NNW            |          |               |                    | 1             |               |               |               |               |         |         |     | . 1   | 15,0       |  |  |
|         | VARBL          |          |               |                    |               |               |               |               |               |         |         |     |       |            |  |  |
|         | T              |          | $\overline{}$ |                    | $\overline{}$ | $\overline{}$ | $\overline{}$ | $\overline{}$ | $\overline{}$ |         |         |     | 2     |            |  |  |

TOTAL NUMBER OF OBSERVATIONS

1735

MATA PRINCESSIN ARANCH FTAC/USAF AIR EAT FT AFRVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u> </u>                | 65 T (N 1 | N 15LAND/PACIFIC IS 45-72 STATION NAME YEARS |        |         |         |         |          |         |         |  |               |       | PH_                   |
|-------------------------|-----------|--|--------|---------|---------|---------|----------|---------|---------|--|---------------|-------|-----------------------|
|                         |           | STATION                                      | HAME   |         |         |         |          | 1       | YEARS   |  |               |       | DNTH                  |
|                         | _         |  |        |         |         | EATHER  |          |         |         |  |               | 1500  | -1700                 |
|                         |           |  |        |         | c       | LASS    |          |         |         |  |               | HOURS | (L.S.T.)              |
|                         | _         |  |        |         |         | DITION  |          |         |         |  |               |       |                       |
|                         |           |  |        |         | CON     | DITION  |          |         |         |  |               |       |                       |
|                         |           |  |        |         |         |         |          |         |         |  |               |       |                       |
|                         |           |  |        |         |         |         |          |         |         |  |               |       |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3     | 4-6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33  | 34 - 40 | 41 - 47 | 48 - 55  | ≥56           | %     | MEAN<br>WIND<br>SPEED |
| N                       |           | . 3  | 3      | . 7     | . 2     |         |          |         |         | <del>   </del>                                   |               | 1.5   | 11.5                  |
| NNE                     |           | 2  | . 6    | 1.0     | . 3     |         |          |         |         |  |               | 2,1   | 11,6                  |
| NE                      | † - †     | .0   | 1.8    | 7.1     | 5,2     |         | • 1      |         |         | †  |               | 16.4  | 15,8                  |
| ENE                     |           | .5   | 2.9    |         |         |         | . 2      |         |         |  |               | 34.5  | 16.2                  |
| E                       | - 1       | . 7  | 5.0    | 19.2    |         | . 7     | . 1      |         |         | <del>                                     </del> |               | 33.2  | 14.1                  |
| ESE                     |           | -3   | 1.4    |         |         |         |          |         |         |  |               | 5,2   | 12.6                  |
| SE                      | ii        | . 3  | . 8    |         |         |         |          |         |         |  |               | 1.8   | 10.4                  |
| SSE                     |           | . 3  | .5     | 5       |         |         |          |         |         | † <del></del> -                                  |               | 1,3   | 9,9                   |
| S                       | <u> </u>  | • 1  | . 7    | .3      |         |         |          |         |         |  |               | 1.2   | 9,4                   |
| ssw                     |           |  | - 1    | . 2     |         |         |          |         |         | <del></del>                                      |               | 3     | 10.2                  |
| sw                      | . 1       | . 1  | . 2    | . 2     |         |         |          |         |         | 1  |               | . 5   | 8,7                   |
| wsw                     |           | . 1  | 2      |         | . 1     |         |          |         |         | 1  |               | . 5   | 10.5                  |
| w                       |           | . 1  | . 2    |         | .1      |         |          |         |         |  |               | .5    | 10.4                  |
| WNW                     |           |  |        |         |         |         |          |         |         |  |               | T     |                       |
| NW                      |           | . 2  | .1     |         | .1      |         |          |         |         |  |               | . 3   | 7,7                   |
| NNW                     |           | . 1  | . 1    | . 2     |         |         |          |         |         | <b>1</b>   |               | .4    | 9.6                   |
| VARBL                   |           |  |        |         |         |         |          |         |         |  |               | 1     |                       |
| CALM                    |           | ><   | ><     | > <     | > <     | > <     | $>\!\!<$ | > <     | > <     | ><   | $\overline{}$ | . 3   |                       |
|                         | ,         | 4 0  | 1 # 0  | 47 7    | 24 1    | 4.4     | 2        |         |         |  |               | 100 0 | 14 4                  |

TOTAL NUMBER OF OBSERVATIONS

CATA PROBESSIO GRAMME ETACYUSA'
AIR EAT ER SENVICETEAC

2

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216:3   | JOHNSTON ISLAND/PACIFIC IS | 45-72     | ስ₽R            |
|---------|----------------------------|-----------|----------------|
| STATION | STATION MAN'S              | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 1600-2000      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |
|         |                            |           |                |
|         |                            |           |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6 | 7 - 10     | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33  | 34 - 40 | 41 - 47 | 48 - 55 | ≥56      | %      | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------|------------|---------|----------|---------|----------|---------|---------|---------|----------|--------|-----------------------|
| N                       | . 1      | خ .   | . 3        | •6      | . 2      |         |          |         |         |         |          | 1.7    | 10.4                  |
| NNE                     | i        | . 3   | 9          | 1.0     | . 1      | • 1     |          |         |         |         |          | 2.4    | 11.1                  |
| NE                      |          | . 3   | 1.6        | 6,6     | 5,6      | 1.8     | . 1      |         |         |         |          | 10.3   | 16.3                  |
| ENE                     |          | . 6   | 3.2        | 14.6    |          | 4.3     | . 2      |         |         |         |          | 36.0   | 16.3                  |
| E                       |          | . 9   | 5.1        | 18.2    | 7.6      | 1.4     | • 1      |         |         |         |          | 33.2   | 14.3                  |
| ESE                     | . 1      | . 2   | 1,5        | 2.2     | . 6      | . 2     |          |         |         |         |          | 4 . 13 | 12.4                  |
| SE                      |          | . 2   | . 9        | . 6     | . 1      |         |          |         |         |         |          | 1.8    | 10.3                  |
| SSE                     |          | , 3   | . 2        | . 4     |          |         |          |         |         |         |          | . 3    | 9.3                   |
| s                       | . 1      | . 1   | . 4        | . 5     |          |         |          |         |         |         |          | 1.1    | 9.0                   |
| ssw                     |          |       | .1         | . 2     |          |         |          |         |         |         |          | • 3    | 9.4                   |
| sw                      |          | . 2   | • 1        | . 1     |          |         |          |         |         |         |          | . 3    | 8.                    |
| wsw                     |          | . 1   | . 2        |         |          |         |          |         |         |         |          | . 2    | 6,5                   |
| w                       |          | • 1   | .3         | .1      |          |         |          |         |         |         |          | . 4    | 8.3                   |
| WNW                     |          |       |            |         |          |         |          |         |         |         |          |        |                       |
| NW                      |          |       | . 1        | . 1     |          |         |          |         |         |         |          | . ?    | 9,3                   |
| NNW                     |          |       | . 1        | . 1     | . 1      |         |          |         |         |         |          | . 2    | 13,3                  |
| VARBL                   |          |       |            |         |          |         |          |         |         |         |          |        |                       |
| CALM                    | $\times$ | ><    | $\searrow$ | >       | $\geq <$ | ><      | $\geq <$ | $\geq$  | ><      | ><      | $\times$ | . ?    |                       |
|                         | . 3      | 8 , 3 | 14.7       | 45,5    | 27.3     | 7,8     | , 3      |         |         |         |          | 100.0  | 14.8                  |

TOTAL NUMBER OF OBSERVATIONS 1735

USAFETAC  $\frac{\text{form}}{\text{jut 64}}$  0.8.5 (OL-1) previous editions of this form are obsolete

2

MATA PRINCESSING BRANCH ETACHUSAN AIR GEATMEN BENVICENHAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216-55  | JUNNSTAN ISLAND/PACIFIC IS | 45-72       |                |
|---------|----------------------------|-------------|----------------|
| STATION | STATION HAME               | YEARS       | MONTH          |
|         |                            | ALL WEATHER | 2100-2300      |
|         |                            | CLASS       | HOURS (L.S.T.) |
|         |                            |             |                |
|         |                            | CONDITION   |                |
|         |                            |             |                |
|         |                            |             |                |

|                         | 4              | 4.7         | 13.8        | 43.1    | 31.0    | 8.3     | . 3         | . 1     |             |             |             | 100.0 | 15                    |
|-------------------------|----------------|-------------|-------------|---------|---------|---------|-------------|---------|-------------|-------------|-------------|-------|-----------------------|
| CALM                    |                | $\geq \leq$ | $\geq \leq$ | > <     | > <     | X       | $\geq \leq$ | $\geq$  | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | . 4   |                       |
| VARBL                   |                |             |             |         |         |         |             |         |             |             |             |       |                       |
| NNW                     |                | .1          | 1           | . 1     | . 1     |         |             |         |             |             |             | . 3   | 10                    |
| NW                      |                |             |             |         |         |         |             |         |             |             |             |       |                       |
| WNW                     | . 1            |             |             |         |         |         |             |         | _           |             |             | 1     | 3                     |
| w                       |                | • 1         | . 2         | . 1     | . 1     |         |             |         |             |             |             | . 4   | 11                    |
| wsw                     |                | . 1         |             | . 1     |         |         |             |         |             |             |             | . 7   | 9                     |
| ъW                      |                | . 2         | . 2         |         |         |         |             |         |             |             |             | .4    | 7                     |
| SSW                     |                |             | .1          | . 1     |         |         |             |         |             |             |             | . ?   | 10                    |
| s                       | .1             | • 1         | .2          | . 3     | .1      |         |             |         |             |             |             | . 7   | 10                    |
| SSE                     | - 4.7          | . 1         | .5          | . 5     | -1      | • 1     |             |         |             | -           | -           | 1,2   | 11                    |
| SE                      | 1              | .2          | .6          |         | .1      |         |             |         |             |             |             | 1,3   |                       |
| ESE                     | <u>a 6</u>     | . 2         | .9          | 2.4     |         | 3       |             |         |             | <del></del> |             | 5.1   | 14                    |
| E                       | - 1            | .5          | 3,1         | 17.8    |         | 1.2     | • •         |         |             |             |             | 33.4  | 14                    |
| ENE                     |                | .4          |             | 13.7    | 14.5    | 5.1     | . 2         | <u></u> |             |             |             | 37.0  | 16                    |
| NE                      | ļ <sub>1</sub> | . 3         | 1.7         | 5.1     | 5,4     | 1.6     | - 1         | 1       |             |             |             | 15.4  | 16                    |
| N                       | - 1            |             | . 3         | 5.      | . 2     | ,       |             |         |             | <del></del> |             | 1.1   | 10                    |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3          | 4 - 6       | 7 - 10      | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47     | 48 - 55     | ≥56         | %     | MEAI<br>WINI<br>SPEEI |

TOTAL NUMBER OF OBSERVATIONS

1734

TATA PRICESSING PRANCH FTAC/USAT AIR GEATTER GENVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                         | aksti (i. I | SLAMOI  | ACIFI    | CIS         | 15 45-72    |          |             |             |         |         |          |       | ΛΥ                    |
|-------------------------|-------------|---------|----------|-------------|-------------|----------|-------------|-------------|---------|---------|----------|-------|-----------------------|
|                         |             | HOITATE | HAME     |             |             |          |             |             | YEARS   |         |          |       | ONTH                  |
|                         |             |         |          |             |             | EATHER   |             |             |         |         |          | _0000 | 0-0200                |
|                         |             |         |          |             | CI          | ASS      |             |             |         |         |          | NOURS | (L.S.T.)              |
|                         | _           |         |          |             | CON         | DITION   |             |             |         |         |          |       |                       |
|                         | _           |         |          |             |             |          |             |             | Y       |         |          | ··    |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6   | 7 - 10   | 11 - 16     | 17 - 21     | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47 | 48 - 55 | ≥56      | %     | MEAN<br>WIND<br>SPEED |
| N                       |             |         | •1       |             |             |          |             |             |         |         |          | • 1   | 8.0                   |
| NNE                     |             |         | . 3      | 2           | . 2         |          | . 1         |             |         |         |          | . 5   | 13.3                  |
| NE                      | . 1         | . 4     | 1.3      | 5.9         | 3.3         | . 5      | . 1         |             |         |         |          | 11.5  | 14.6                  |
| ENE                     |             | . 6     | 3,5      | 15.2        | 13,2        | 4.3      | . 2         |             |         |         |          | 37.0  | 16.1                  |
| E                       | 1           | 1.0     | 6.4      |             | 9.5         | 1.0      |             |             |         |         |          | 40.6  | 14.1                  |
| ESE                     |             | , to    | 1.5      |             | 1.1         | 1        |             |             |         | 1       |          | 6.4   | 12.5                  |
| SE                      | .1          |         | . 6      | . 8         | , 1         |          |             |             |         |         |          | 1.9   | 10.3                  |
| SSE                     | . 1         | . 4     | . 2      | . 1         | . 1         |          |             |             |         |         |          | . 8   | 8,5                   |
| 5                       |             | . 1     | .1       |             |             |          |             |             |         |         | ŀ        | , ?   | 8.0                   |
| S5W                     |             | • 1     |          |             |             |          |             |             |         |         |          | . 1   | 5,0<br>12,0<br>4,5    |
| SW                      | 1           |         |          | . 1         |             |          |             |             |         |         |          | . 1   | 12.0                  |
| WSW                     | .1          | • 1     | -        |             |             |          |             |             |         |         |          | . 1   | 4,5                   |
| w                       | 1           | • 1     |          |             |             |          |             |             |         | !       |          | . 1   | 4,0                   |
| WHW                     |             |         |          |             |             |          |             |             |         |         |          | ·     |                       |
| NW                      |             |         |          |             |             |          |             |             |         |         |          |       |                       |
| NNW                     | .1          |         |          |             |             |          |             |             |         |         |          | . 1   | 3,0                   |
| VARBL                   |             |         |          |             |             |          |             |             |         |         |          |       |                       |
| CALM                    |             | $\geq$  | $\geq <$ | $\geq \leq$ | $\geq \leq$ | $\times$ | $\geq \leq$ | $\geq \leq$ | $\geq$  |         | $\geq <$ | . 5   |                       |
|                         | . 4         | ).0     | 14.0     | 47.9        | 27.4        | 5.8      | . 4         |             |         |         |          | 100.0 | 14.5                  |

TOTAL NUMBER OF OBSERVATIONS

1797

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

- ATA PROCESSING TRATE-TACTUSAT ATE TERVICETING

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21503   | JERNSTON ISLAND/PACIFIC IS | 45-72     | ' ΔΥ           |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 0300-0500      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       | *     | • 1   | • 1    | • 1     |         |         |         |         |         |         |     | • 2   | В.                    |
| NNE                     | . 1   |       | .1     | . 4     |         | • 1     |         |         |         |         |     | .6    | 12.                   |
| NE                      | . 1   | . 0   | 1.3    | 6.2     | 3,7     | . 2     |         | • 1     |         |         |     | 17.1  | 14.                   |
| ENE                     | . 1   | . 6   | 3.6    | 14.9    | 14.2    | 2.9     | . 1     |         |         |         |     | 36.3  | 15.                   |
| E                       | . 1   | 1.4   | 7.2    | 23,4    | 7.7     | , 9     |         |         |         | 1       |     | 40.R  | 13.                   |
| ESE                     |       | , 4   | 1.1    | 3,7     | 1.0     | . 1     |         |         |         |         |     | 5.3   | 12.                   |
| SE                      | . 1   | , 3   | , 8    |         | . 1     |         |         |         |         |         |     | 2.0   | Lo.                   |
| 5SE                     | . ]   | • 1   | . 4    | . 2     | . 1     |         |         |         |         |         |     | . я   | 10.                   |
| 5                       | i     | . 1   | .1     | . 1     |         |         |         |         |         |         |     | . 2   | 8,                    |
| SSW                     | I     |       |        |         |         |         |         |         |         |         |     |       |                       |
| sw                      |       | 1     |        |         |         |         |         |         |         |         |     | . 2   | 5.                    |
| wsw                     |       |       |        |         |         |         |         |         |         |         |     | 1     | 5.                    |
| w                       |       |       |        |         |         |         |         |         |         |         |     |       |                       |
| WNW                     |       | - 1   |        |         |         |         |         |         |         |         |     | . 1   | 5,                    |
| NW                      |       |       |        |         |         |         |         |         |         |         |     |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |     |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |     |       |                       |
| CALM                    |       | > <   | ><     | ><      | ><      | ><      | ><      | ><      | ><      |         | ><  | . 4   |                       |
|                         | . 4   | 3.7   | 14.6   | 49.6    | 26.9    | 4.2     | . 1     | . 1     |         |         |     | 100.0 | 14.                   |

TOTAL NUMBER OF OBSERVATIONS 1797

DATA PROCESSING BRANCH ETAC/USAF AIR FEATHER SERVICE/MAC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u>J(Iml</u>            | 15 T.IN 1 | SLAND/ | PACIFI | CIS     |         | 45      | <u>-72</u> |         | YEARS   |         |     |       | 4 A V                 |
|-------------------------|-----------|--------|--------|---------|---------|---------|------------|---------|---------|---------|-----|-------|-----------------------|
|                         |           |        |        |         | ALL W   | EATHER  |            |         |         |         |     |       | 0-0800                |
|                         |           |        |        |         | c       | LASS    |            |         |         |         |     | HOURS | (1.8.T.)              |
|                         | _         |        |        |         | CON     | DITION  |            |         |         |         |     |       |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3     | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33    | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
| ×                       |           |        | .1     | • 1     |         |         |            |         |         |         |     | . 2   | 8.7                   |
| NNE                     |           | - 1    | . 2    | .2      |         |         |            |         | }       |         |     | . 4   | 10.0<br>15.1<br>15.7  |
| NE                      |           | 4.1    | 1.1    | 6.3     | 3.6     | 7       |            |         |         |         |     | 11.7  | 15.1                  |
| ENE                     | -1        | . 4    | 3,5    | 15.5    | 13.5    | 2.6     | • 1        |         |         |         |     | 35,7  | 15.7                  |
| E                       | . 2       | 1.4    | 5.5    | 24.4    | 9,0     | . 9     | , 1        |         |         |         |     | 41.5  | 14.0                  |
| ESE                     | . 1       | . 6    | 1.6    |         | . 8     | • 1     |            |         |         |         |     | 6.3   | 14.0                  |
| SE                      | . 1       | . 3    | 1.2    | .6      |         |         |            |         |         |         |     | 2,2   | 9.1                   |
| SSE                     |           | -1     | .2     | . 2     |         |         |            |         |         |         |     | . 6   | 9,1<br>8,9<br>9,4     |
| 5                       |           | . 1    | 2      | 1       |         |         |            |         |         |         |     | . 4   | 9,4                   |
| ssw                     |           | - 1    | 1      |         |         |         |            |         |         |         |     | . 1   | 6.0                   |
| sw                      | ii        |        |        |         |         |         |            |         |         |         |     |       |                       |
| wsw                     |           |        |        |         |         |         |            |         |         |         |     |       |                       |
| W                       |           |        | 1      |         |         |         |            |         |         |         |     | -1    | 8.0                   |
| WNW                     |           | . 1    | 1      | .1      |         |         |            |         |         |         |     | . 2   | 8 . C<br>8 . 7        |
| NW                      |           |        |        |         |         |         |            |         |         |         |     |       |                       |
| NNM                     |           |        |        |         |         |         |            |         |         |         |     |       |                       |
| VARBL                   |           |        |        |         |         |         |            |         |         |         |     |       |                       |
| CAIM                    |           |        |        |         |         |         |            |         |         |         |     | . 8   |                       |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC  $^{\text{FORM}}_{\text{JUL-64}}$  0-8-5 (OL-1) previous editions of this form are obsolete

MATA PROFESSING RANCH FTAC/USAS AIR EATHER RESVICE/ AC

2

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216-5   | JUMNSTON ISLAND/PACIFIC IS | 45=72     | -8.Λ <b>Υ</b>  |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | KTHOM          |
|         | ALL                        | WEATHER   | 0900-1100      |
|         |                            | CLASS     | HOURS (L.S.Y.) |
|         |                            |           |                |
|         |                            | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6    | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40  | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------|--------|---------|---------|---------|---------|----------|---------|---------|-----|-------|-----------------------|
| N                       |       |          |        |         |         |         |         |          |         |         |     |       |                       |
| NNE                     |       | . 1      | , 2    | . 3     | , 1     | 1       |         |          |         |         |     | . 7   | 12.5                  |
| NE                      |       | , 2      | 1.2    | 5.3     | 2,8     | . 8     |         |          |         |         |     | 10.4  | 15,1                  |
| ENE                     |       | . 6      | 2.3    | 15.8    | 13.7    | 2.9     | . 1     |          |         |         |     | 35.3  | 16.0                  |
| E                       | . 1   | . 8      | 5.6    |         | 9,2     | . 9     |         |          |         |         |     | 42.1  | 14.1                  |
| ESE                     |       | .5       | 2.0    | 3.8     | . 7     | . 2     |         |          |         |         |     | 7.2   | 12.2                  |
| SE                      | . 1   | . 2      | . 9    | .7      | .1      |         |         |          |         |         |     | 2.0   | 10.0                  |
| SSE                     |       |          | . 3    | . 3     |         |         |         |          |         |         |     | .6    | 10,1                  |
| s                       | . 2   | . 2      | . 5    | . 1     |         |         |         |          |         |         | -   | . 9   | 6.6                   |
| ssw                     | . 1   |          |        |         |         |         |         |          |         |         |     | . 1   | 2.0                   |
| sw                      |       | • 1      | . 1    |         | . 1     |         |         |          |         |         |     | . 2   | 10.0                  |
| wsw                     |       |          |        |         |         |         |         |          |         |         |     |       |                       |
| w                       |       |          |        |         |         |         |         |          | 1       |         |     |       |                       |
| WNW                     |       |          | .1     |         |         |         |         |          |         |         |     | . 1   | 7,0                   |
| NW                      |       | . 1      | . 1    |         |         |         |         |          |         |         |     | . 1   |                       |
| NNW                     |       |          | . 1    |         |         |         |         |          |         | 1       |     | . 1   | 6.0<br>7.0            |
| VARBL                   |       |          |        |         |         |         |         |          |         | T       |     |       |                       |
| CALM                    | ><    | $\geq <$ | ><     | ><      | ><      | ><      | $\geq$  | $\times$ |         | ><      | ><  | , 3   |                       |
|                         | . 4   | 2.7      | 13.3   | 51.8    | 26.6    | 4.8     | . 1     |          |         |         |     | 100,0 | 14,5                  |

TOTAL NUMBER OF OBSERVATIONS 1794

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITION; OF THIS FORM ARE OBSOLETE

فليزوا والمحالية

DATA PROCESSING BRANCH ETACHUSAF AIR PEATHER SERVICEHEAC

2

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 2169 A  | JOHNSTON ISLAND/PACIFIC IS | 45-72   | : AY                        |
|---------|----------------------------|---------|-----------------------------|
| STATION | STATION NAME               | YEARS   | MONTH                       |
|         |                            | LASHER  | 1200=1400<br>MOURS (L.S.T.) |
|         | 601                        | MOLTION |                             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6      | 7 - 10 | 11 - 16  | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47 | 48 - 55     | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|----------|--------|----------|-------------|---------|-------------|---------|---------|-------------|-----|-------|-----------------------|
| N                       |             | , 2      | 1      | 1        | . 1         |         |             |         |         |             |     | . 4   | 9,0                   |
| NNE                     |             |          | 1      | . 2      | . 2         |         |             |         |         |             |     | . 5   | 13.                   |
| NE                      |             |          | 1.3    | 7.1      | 2.9         | . 7     | _           |         |         |             |     | 12.4  | 14.                   |
| ENE                     |             | . 3      | 2.2    | 16.8     |             |         |             |         |         |             |     | 34.6  | 16.                   |
| E                       | . 1         | , 5      | 5.6    |          |             |         | •1          |         | T       |             |     | 40.1  | 13.                   |
| ESE                     |             | . 2      | 2.1    | 4.5      | . 8         |         |             |         |         | <del></del> |     | 7.7   | 12.                   |
| SE                      | . 1         | . 6      | 1.4    | . 3      |             |         |             |         |         |             |     | 2.3   | 8,                    |
| SSE                     | . 1         | , 2      | . 2    | . 2      |             |         |             |         |         | 1           |     | . 6   | 8.                    |
| 5                       | . 2         | . 4      |        |          |             |         |             |         |         |             |     | R     | 5,                    |
| S5W                     |             | . 1      | .1     |          |             |         |             |         |         |             |     | . ?   |                       |
| sw                      |             | . 1      | . 1    | .1       |             |         |             |         | 1       |             |     | . 2   | 6.                    |
| wsw                     |             |          |        |          |             |         |             |         | ļ       |             |     | •     |                       |
| w                       |             | . 1      |        |          |             |         |             |         |         |             |     | .1    | 5,                    |
| WHW                     |             |          |        |          |             |         |             |         |         |             |     | -     |                       |
| NW                      |             | . 1      | . 2    |          |             |         |             |         |         |             |     | . 2   | 6.                    |
| NNW                     |             |          |        |          |             |         |             |         |         |             |     |       |                       |
| VARBL                   |             |          |        |          |             |         |             |         |         |             |     |       |                       |
| CALM                    | $\geq \leq$ | $\geq <$ | $\geq$ | $\geq <$ | $\geq \leq$ | $\geq$  | $\geq \leq$ | $\geq$  | $\geq$  | $\geq$      | >   |       |                       |
|                         | . 3         | 3.1      | 13.5   | 54.8     | 24.5        | 3.8     | • 1         |         |         |             |     | 100.0 | 14.                   |

TOTAL NUMBER OF OBSERVATIONS 1797

USAFETAC  $_{\rm JUL~64}^{\rm FORM}$  0-8-5 (OL-1) Previous editions of this form are obsolete

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GATA PRIICESSING PRANCH ETACZUSA! AT ER EMVICEZANC

2

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 210 3 | JUHNST | ISL | AND/PAC | IFIC IS |    |           | 45-72 | · · · · · · · · · · · · · · · · · · · | YEARS |             |              |                |          | ΛY     |
|-------|--------|-----|---------|---------|----|-----------|-------|---------------------------------------|-------|-------------|--------------|----------------|----------|--------|
|       |        |     |         |         | AL | L WEAT    | HER   |                                       |       |             | _            |                | 150      | 0-1700 |
|       |        |     |         |         |    | CONDITION |       |                                       |       | <del></del> | _            |                |          |        |
| г     |        |     |         |         |    |           |       |                                       |       |             | <del>-</del> | <del>1 -</del> | <u>,</u> |        |
|       | SPEED  |     |         |         | 1  | 1         | 1     | 1                                     |       |             |              | I              | ]        | MEAN   |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33  | 34 - 40     | 41 - 47     | 48 - 55  | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|--------|---------|----------|---------|----------|-------------|-------------|----------|-----|-------|-----------------------|
| и                       |       | . 2         | . 1    | • 1     |          |         |          |             |             |          |     | . 4   | 8.                    |
| NNE                     |       | . 2         | .2     | . 3     | . 2      |         | -        |             |             |          |     | . 9   | 11.                   |
| NE                      |       | , 4         | 1.4    | 7.6     | 4.1      | . 8     |          |             |             |          |     | 14,3  | 14.0                  |
| ENE                     |       | . 2         | 2,5    | 18.1    | 12.2     | 3.2     | _        |             |             |          |     | 36.2  | 15,                   |
| E                       | . 1   | , 8         | 3,5    |         | 8,2      | . 5     | • 1      |             |             |          |     | 37,6  | 13.                   |
| ESE                     |       | , 3         | 2.1    | 3,8     | . 5      | • 1     |          |             |             |          |     | 6.7   | 12,                   |
| SE                      |       | . 8         | 7      | . 4     |          |         |          |             |             |          |     | 1.9   | 8.                    |
| SSE                     |       | , 2         | . 3    | , 2     | , 1      |         |          |             |             |          |     | , я   | 10.                   |
| S                       |       |             |        |         |          |         |          |             |             |          |     | . 3   | 4.                    |
| SSW                     |       | - 1         | . 1    |         |          |         |          |             |             |          |     | . 2   | 6,                    |
| sw                      |       | . 1         | . 2    |         |          |         |          |             |             |          |     | , 7   | 7.                    |
| WSW                     |       |             |        |         |          |         |          |             |             |          |     |       |                       |
| w                       |       |             |        |         |          |         |          |             |             |          |     | . 1   | 4,                    |
| WNW                     | i     |             |        |         |          |         |          |             |             |          |     |       |                       |
| NW                      | i     |             |        |         |          |         |          |             |             |          |     |       |                       |
| NNW                     |       |             | 1      |         |          |         |          |             |             |          |     | . 1   | 7.                    |
| VARSL                   |       |             |        |         |          |         |          |             |             |          |     |       |                       |
| CALM                    | ><    | $\geq \leq$ | ><     | ><      | $\geq <$ | ><      | $\geq <$ | $\geq \leq$ | $\geq \leq$ | $\geq <$ | ><  | . 1   |                       |
|                         | . 3   | 3.7         | 13.1   | 52.9    | 25,3     | 4,6     | .1       |             |             |          |     | 100.0 | 14.                   |

TOTAL NUMBER OF OBSERVATIONS 1798

USAFETAC  $\frac{\text{FORM}}{\text{JUL-64}}$  0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OATA PRINCESSING BRANCH FTAC/USAF AIR FEATTEN SERVICE/MAC

2

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JOHNSTON ISLAND/PACIFIC IS | 45=72     |                |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 1800-2000      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            |           |                |
|         |                            | CONDITION |                |
|         |                            |           |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3        | 4 - 6       | 7 - 10       | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47      | 48 - 55  | ≥56      | *         | MEAN<br>WIND<br>SPEED |
|-------------------------|--------------|-------------|--------------|----------|---------|---------|---------|---------|--------------|--|----------|-----------|-----------------------|
| N                       | 1            |             | 12           |          |         |         |         |         |              |  |          | . 3       | 7.4                   |
| NNE                     | . 1          |             |              | 4        | 1       |         |         |         | -            |  |          | 1.1       | 10.4                  |
| NE                      |              | . 3         | 1.6          |          | 3,9     | , 9     |         |         |              |  |          | 15.1      | 14.8                  |
| ENE                     | . 1          | . 3         |              |          | 13.1    | 4,6     |         |         |              | <b> </b>   |          | 38.3      | 16,2                  |
| E                       | -1           | 1.6         |              | 21.8     |         |         |         |         |              | i  | t        | 37.2      | 13,8                  |
| ESE                     | -1           | . 2         |              |          |         |         | .1      |         | 1            |  |          | 5,1       | 13,2                  |
| SE                      | -1           | . 2         | 4            | . 4      | .1      |         |         |         |              |  |          | 1.7       | 9,1                   |
| SSE                     | - 1          | . 1         | .3           | .3       |         |         |         |         |              | †  | <b>†</b> | , 7       |                       |
| 5                       |              | .1          |              |          |         |         |         |         | 1            |  |          | . 1       | 6.0                   |
| SSW                     |              |             | <u> </u>     |          |         |         |         |         |              |  |          | # <b></b> |                       |
| SW                      | tt           |             | _            |          |         |         |         |         | <del> </del> | <del> </del>                                     |          | <b> </b>  |                       |
| wsw                     | <b> </b>     | . 1         | <del> </del> |          |         |         |         |         |              | <del>                                     </del> |          | - 1       | 5.0                   |
| w                       |              |             | <del> </del> |          |         |         |         |         |              |  |          | - 1       | 5 C                   |
| WNW                     |              |             | <u> </u>     |          |         |         |         |         |              | <u> </u>   |          | • •       |                       |
| NW                      | <del> </del> | - 1         | <u> </u>     |          |         |         |         |         |              |  |          | .1        | 5,0                   |
| NNW                     | 1            | . 1         | 1            |          |         |         |         |         | -            | <del> </del>                                     |          | . 2       | 4,7                   |
| VARBL                   | ****         |             |              |          |         |         |         |         |              |  |          |           |                       |
| CALM                    | $\times$     | $\geq \leq$ | $\geq$       | $\geq <$ |         | > <     | > <     |         |              | ><   |          | . 4       |                       |
|                         | ٥            | 3.3         | 11.9         | 51.6     | 25.6    | 6.5     | . 1     |         |              |  |          | 100.0     | 14,6                  |

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-1) previous editions of this form are obsolete

DATA PROCESSING TRANCH ETAC/USA-AIR EATTER SERVICE/-10

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | aparston island/pacific is | 4 <b>5-7</b> 2 | <b>ΥΔΥ</b>     |
|---------|----------------------------|----------------|----------------|
| STATION | STATION NAME               | YEARS          | MONTR          |
|         | ALL                        | WEATHER        | 106-2300       |
|         |                            | CLASS          | HOURS (L.S.T.) |
|         |                            |                |                |
|         |                            | CONDITION      |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3        | 4 - 6  | 7 - 10   | 11 - 16 | 17 - 21       | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47       | 48 - 55      | ≥56          | %            | MEAN<br>WIND<br>SPEED |
|-------------------------|--------------|--------|----------|---------|---------------|---------|---------|---------|---------------|--------------|--------------|--------------|-----------------------|
| N                       | . 1          |        | • 1      | . 1     |               |         |         |         |               |              |              | . 3          | 7.3                   |
| NNE                     |              | .1     | .1       | . 2     | . 2           | 1       |         |         |               |              |              | . 6          | 14.0                  |
| NE                      | . 1          | . 4    | . 9      | 7.0     |               | , 5     | • 1     |         |               |              |              | 12.1         | 14.7                  |
| ENE                     |              | . 5    | 3.3      | 15.4    | 15.4          | 4.2     | • 1     |         |               |              |              | 38.9         | 16.3                  |
| E                       |              | 1.5    | 5,5      |         |               | 1,6     |         |         |               |              |              | 40.3         | 14.2                  |
| ESE                     |              |        | 1.1      | 3,2     |               |         |         |         |               |              |              | 5.1          | 13.6                  |
| SE                      |              | 1      | . 8      |         |               |         |         |         |               |              |              | 1,4          | 10.5                  |
| SSE                     |              | - 1    |          | , 2     |               |         |         |         |               |              |              | . 5          | 9.9                   |
| <u> </u>                | - 1          |        |          |         |               |         |         |         | ļ             | ļ            |              | • 1          | 4,5                   |
| SSW                     |              |        |          |         |               |         |         |         |               | ļ            | ļ            | l            |                       |
| sw                      |              |        |          |         |               |         |         |         | ļ             | ļ            | <del> </del> | - 1          | 4.0                   |
| wsw                     |              | 1      |          |         |               |         |         |         |               | ļ            |              | 9 1          | 5.0                   |
| w                       |              |        |          |         |               |         |         |         |               |              | ļi           | - 1          | 2.0                   |
| WNW                     | <b></b>      |        |          |         |               |         |         |         | ļ.——          | <del> </del> |              | <del></del>  |                       |
| NW                      | <del> </del> |        | <u> </u> |         |               |         |         |         | <del> </del>  |              | <del> </del> | <del></del>  |                       |
| NNW<br>VARBL            | <del> </del> |        |          |         |               |         |         |         |               | <b></b>      |              | <del> </del> |                       |
|                         |              |        |          |         | $\overline{}$ |         |         |         | $\overline{}$ |              |              |              | ——-                   |
| CALM                    |              | $\geq$ | $\sim$   |         | $\geq$        | $\geq$  | $\geq$  |         |               |              |              | • 7          |                       |
|                         | .3           | 2.9    | 12.0     | 48.3    | 29.3          | 6,5     | , 2     |         |               |              |              | 100.0        | 14.9                  |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC  $_{\rm JUL~64}^{\rm FORM}$  0-8-5 (OL-1) previous editions of this form are obsolete

PATA PROCESSING TRANCH TAC/USAF AIR FEAT ER SERVICE/ SE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21693   | JE WAST IN ISLAND/PACIFIC IS | 45-72     | يدارال         |
|---------|------------------------------|-----------|----------------|
| STATION | STATION HAME                 | YEARS     | MONTH          |
|         | AL                           | L WEATHER | 0000#0200      |
|         |                              | CLASS     | HOURS (L.S.Y.) |
|         |                              |           | _              |
|         |                              | CONDITION |                |

|                         |       | 2.5   | 12.4   | 54.0    | 7                | 5.4    | 4.4     |         |         | <del> </del> |         |            | 100.0 | 14                 |
|-------------------------|-------|-------|--------|---------|------------------|--------|---------|---------|---------|--------------|---------|------------|-------|--------------------|
| CALM                    | ><    | ><    | ><     | > <     | $\triangleright$ | $\leq$ | > <     | > <     | > <     | $\geq <$     |         | $\nearrow$ | . 2   |                    |
| VARBL                   |       |       |        |         |                  |        |         |         |         |              |         |            |       |                    |
| NNW                     |       |       |        |         |                  |        |         |         |         |              |         |            |       |                    |
| NW                      |       |       |        |         | 1                |        |         |         |         | <u> </u>     |         |            |       |                    |
| WNW                     |       |       |        |         | ļ                |        |         |         |         | ļ            |         |            |       |                    |
| w                       |       |       |        |         | L                |        |         |         |         |              | ļ       |            |       |                    |
| wsw                     |       |       |        |         | <u> </u>         |        |         |         |         |              | L       |            | • 1   | . !                |
| sw                      |       |       |        |         | <u> </u>         |        |         |         |         |              |         |            |       |                    |
| ssw                     |       |       |        |         | ļ                |        |         |         |         |              |         |            | . 1   |                    |
| S                       |       | • 1   |        |         | L                |        |         |         |         |              |         |            | . 1   |                    |
| SSE                     |       |       | 1      |         | 4                |        |         |         |         |              |         |            | • 1   | 10                 |
| SE                      |       | . 4   | , 3    |         | <b>!</b>         |        |         |         |         |              |         |            | 1.1   |                    |
| ESE                     |       | . 5   | 1.5    | 3.0     |                  | .9     | . 2     |         |         |              |         |            | 6.6   | 1                  |
| E                       | . 1   | 8     | 6.4    | 29,1    |                  | 9.9    | 1.6     |         |         |              |         |            | 48,5  | 1                  |
| ENE                     |       | . 5   | 3.3    |         |                  | , 3    | 2.6     | • l     |         |              |         |            | 38.3  | 1                  |
| NE                      |       | . 2   | . 8    | 2.      |                  | . 3    |         |         |         |              |         |            | 4.8   | 1                  |
| NNE                     |       |       | . 1    |         |                  |        |         |         |         |              |         |            | . 2   | 10                 |
| N                       |       |       |        |         |                  |        |         |         |         |              |         |            |       |                    |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 -             | 21     | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47      | 48 - 55 | ≥56        | %     | MEA<br>WIN<br>SPEI |

TOTAL NUMBER OF OBSERVATIONS 1712

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0.8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2 CATA PRHICESSING BRANCH ETACZUSAT AIR VEATURE SERVICEZHAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21693   | JOHNSTON ISLAND/PACIFIC IS | 45=72     | <b>1</b> 011   |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | AL                         | L WEATHER | 0300=0500      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |
|         |                            |           |                |
|         |                            |           |                |

| *************************************** | . 2   | 2.2   | 14.8   | 54.7     | 24.1    | 4.0     |         |          |              |         |     | 100.0 | 14                 |
|---|-------|-------|--------|----------|---------|---------|---------|----------|--------------|---------|-----|-------|--------------------|
| CALM                                    | ><    | > <   | ><     | $\times$ | ><      | > <     | > <     | $\geq <$ | > <          | > <     | ><  | • 1   |                    |
| VARBL                                   |       |       |        |          |         |         |         |          |              |         |     |       |                    |
| NNW                                     |       |       |        |          |         |         |         |          |              |         |     |       |                    |
| NW                                      |       |       |        |          |         |         |         |          |              |         |     |       |                    |
| WNW                                     |       |       |        |          |         |         |         |          |              |         |     |       |                    |
| w                                       |       |       |        |          |         |         |         |          |              |         |     |       |                    |
| wsw                                     |       | .1    | _      |          |         |         |         |          |              |         |     | . 1   | 5                  |
| sw                                      |       | . 2   |        |          |         |         |         |          |              |         |     | . 2   | 4                  |
| ssw                                     |       |       |        |          |         |         |         |          |              |         |     |       |                    |
| S                                       |       |       |        |          |         |         |         | _        | <del> </del> |         |     |       |                    |
| SSE                                     |       | .1    | . 1    | .1       |         |         |         |          | <u> </u>     |         |     | - 3   | 10                 |
| SE                                      |       | . 2   | . 5    | .6       |         | .1      |         | -        |              |         |     | 1.5   | 10                 |
| ESE                                     |       | . 3   | 1.4    | 4 . 13   |         |         |         |          |              |         |     | 7.5   | 12                 |
| E                                       | . 2   | . 7   | 8.2    | 29.1     | 8.7     | 1.4     |         |          |              |         |     | 48.2  | 13                 |
| ENE                                     |       | , 3   | 3.6    |          | 13,1    | 2.5     |         |          |              |         |     | 36.3  | 15                 |
| NE                                      |       | . 4   | . 9    | 3.1      | 1.3     | • 1     |         |          |              |         |     | 5.7   | 13                 |
| NNE                                     |       |       | - 1    | - 1      | - 1     |         |         | <u> </u> |              |         | ·-  | . ?   | 13                 |
| N                                       |       |       |        |          | _       |         |         |          |              |         |     |       |                    |
| SPEED<br>(KNTS)<br>DIR.                 | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40  | 41 - 47      | 48 - 55 | ≥56 | %     | MEA<br>WIN<br>SPEE |

TOTAL NUMBER OF OBSERVATIONS 1712

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF "HIS FORM ARE OBSOLETE

MATA PREMESSIE C. RANCO-ETACHUSA) AIR LEAT EN LENVICENIAC

2

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21565   | JE WATEN ISLAND/PACIFIC IS | 45-72       |       | 304            |
|---------|----------------------------|-------------|-------|----------------|
| STATION | STATION NAME               |             | YEARS | BORTH          |
|         | 4                          | ILL WEATHER |       | 0600=0800      |
|         |                            | CLASS       |       | HOURS (L.S.T.) |
|         |                            |             |       |                |
|         |                            | CONDITION   |       |                |
|         |                            |             |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56           | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------------|-------|-----------------------|
| N                       |       |       | • 1    |         |         |         |         |         |         |         |               | • 1   | 7.                    |
| NNE                     |       |       | . 1    | . 1     | . 2     | • 1     |         |         |         |         |               | . 5   | 16,                   |
| NE                      |       | . 2   | . 8    | 2.9     | 1.1     | • 1     |         |         |         |         |               | 5.1   | 13,                   |
| ENE                     | 1     | • 0   | 3,3    | 16.7    | 12.9    | 2.9     |         |         |         |         | i             | 36.4  | 15                    |
| E                       |       | , 5   | 8,4    |         |         | 1.2     |         |         |         |         |               | 47.6  | 14                    |
| ESE                     |       | . 7.  | 1.2    | 5,9     |         | • 1     |         |         |         |         | -             | 8.2   | 13                    |
| SE                      |       | . 3   | . 3    | . 5     |         |         |         |         |         |         |               | 1.2   | 10                    |
| SSE                     |       | . 1   | . 1    | , 2     |         |         |         |         |         |         |               | . 4   | 12                    |
| 5                       | . 1   |       | ż      |         |         |         |         |         |         |         |               | . 2   | 6.                    |
| ssw                     |       | . 2   |        |         |         |         |         |         |         |         |               | . 2   | 6                     |
| sw                      |       |       |        |         |         |         |         | Ī       |         |         |               |       |                       |
| wsw                     |       |       |        |         |         |         |         |         |         |         |               |       |                       |
| w                       |       |       |        | . 1     |         |         |         |         |         |         |               | . 1   | 14                    |
| WNW                     |       | 1     |        |         |         |         |         |         |         |         |               |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |               |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |               |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |               |       |                       |
| CALM                    | ><    | ><    | ><     | ><      | ><      | >       | >>      | > <     |         | $\sim$  | $\overline{}$ | • 1   |                       |
|                         | . 1   | 2.1   | 14.3   | 53,2    | 25,8    | 4,4     |         |         |         |         |               | 100.0 | 14                    |

TOTAL NUMBER OF OBSERVATIONS 1711

MATA PROCESSING BRANCH ETAC/USAF AIR SEATHER SERVICE/MAC

2160 STATION STATION AND STATION MANE

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

45-72

|                         |              |        |        |         | ALL W   | EATHER<br>LASS |         |              |         |              |     | (* 9 ()<br>HOUR | (15 |
|-------------------------|--------------|--------|--------|---------|---------|----------------|---------|--------------|---------|--------------|-----|-----------------|-----|
|                         | _            |        |        |         | ÇON     | DITION         |         |              |         | <del></del>  |     |                 |     |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3        | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27        | 28 - 33 | 34 - 40      | 41 - 47 | 48 - 55      | ≥56 | %               |     |
| N                       |              | .1     |        |         |         |                |         |              |         |              |     | .1              | •   |
| NNE                     |              |        | .1     |         |         |                |         |              |         |              |     | . 2             |     |
| NE                      |              | 1      | . 7    | 2.0     | 1.3     | 1              |         |              |         |              |     | 4.3             |     |
| ENE                     | -1           |        | 2.7    | 15.2    | 12.5    |                |         |              |         |              |     | 33,8            |     |
| E                       |              | . 4    |        | 30.5    | 12.1    | 1.3            |         |              |         |              |     | 50,4            |     |
| ESE                     |              | . 3    | 2.3    | 6.5     | , 6     |                |         |              |         |              |     | 9.8             |     |
| SE                      |              | 1      | 2      | . 3     |         |                |         |              |         |              |     | .5              |     |
| SSE                     |              |        | .2     | 2       |         | ····-          |         |              |         |              |     | , 5             |     |
| 5                       | ļ            | 2      | 1      |         |         |                |         | L            |         | ļ            | !   | . 3             |     |
| ssw                     | <u> </u>     | 1      |        |         |         |                |         |              |         | ļ            |     | 1               |     |
| sw                      | <del> </del> |        |        |         |         |                |         |              |         | ļ            |     |                 | į   |
| wsw                     |              |        |        |         |         |                |         | ļ            | ļ       | ļ            |     | <del></del>     |     |
| w                       | <del> </del> | 1      | -      |         |         |                |         |              |         |              |     | • 1             |     |
| NW                      | -            |        |        |         |         |                |         | <u> </u>     | ļ       |              |     |                 | •   |
| NNW                     |              |        |        |         |         |                |         |              | ļ       | <del> </del> |     |                 |     |
| VARBL                   |              |        |        |         |         | -              | <u></u> | <del> </del> |         | -            |     |                 |     |
| CALM                    |              |        |        |         |         |                |         |              |         |              |     | i               |     |
|                         |              | $\leq$ | $\leq$ |         |         |                |         |              |         |              |     |                 | :   |
|                         | 1            | 1.0    | 12.5   | 54.7    | 26.7    | 4.7            |         |              |         |              |     | 100.0           |     |

USAFETAC JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

HATH PROLESSIE - SEANCH HTACHUSAL HIR EAT FR MERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216 →   | JUHNSTIN ISLANS/PACIFIC IS | 45=72     | الزلاق         |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | , WEATHER | 1200-1400      |
|         |                            | CLASS     | HOURS (L.S.Y.) |
|         |                            |           |                |
|         |                            | COUNTRIAL |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56        | %        | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------------|----------|-----------------------|
| z                       |       |       |        |         |         |         |         |         |         |         |            |          |                       |
| NNE                     |       |       | , 2    | . 1     |         |         |         |         |         |         |            | . 3      | 10.                   |
| NE                      | . 1   | . 2   | . 6    | 2.0     | 1,3     | • 1     |         |         |         |         |            | 5.1      | 14.                   |
| ENE                     |       | • i   | 2.4    | 17.4    | 12.7    | 2,3     | . 1     |         |         |         |            | 35,1     | 16.                   |
| E                       |       | . 6   | 6.0    | 32.1    | 10.2    | . 8     | . 1     |         |         |         |            | 49.9     |                       |
| ESE                     |       | • 1   | 1.6    |         | . 6     | • 1     |         |         |         |         |            | 7.9      | 12.                   |
| SE                      |       | . 2   | . 3    | , 5     | .1      |         |         |         |         |         |            | 1.1      | 10.                   |
| SSE                     |       | • 1   | . 1    | 1       | . 1     |         |         |         |         |         |            | . ?      | 9.                    |
| s                       |       | 6.    | . 2    |         |         |         |         |         |         |         |            | , 5      | 6.                    |
| SSW                     |       |       |        |         |         |         |         |         |         |         |            |          |                       |
| sw                      |       |       |        |         |         |         |         |         |         |         |            | 1        |                       |
| WSW                     |       |       |        |         |         |         |         |         |         |         |            |          |                       |
| w                       |       | 1     |        |         |         |         |         |         |         |         |            | 1        |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |            | <u> </u> |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |            |          |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |            | 1        |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |            |          |                       |
| CALM                    | ><    | > <   | ><     | > <     | > <     | ><      | ><      | > <     |         |         | $\searrow$ |          |                       |
|                         | . 1   | 1.7   | 11.4   | 58.4    | 25,2    | 3,3     | . 1     |         |         |         | -          | 100.0    | 14.                   |

TOTAL NUMBER OF OBSERVATIONS

1711

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-1) previous editions of this form are obsolete

| AU-A102 409 | JUN 73   | I SEAROT PAC | TAL TECH | HNICAL APPLICATIONS CENTERETC<br>LAND. REVISED UNIFORM SUMMARY OF |        |         |    |  |     | F/G 4/2<br>SIRETC(-) |  |  |
|-------------|----------|--------------|----------|---|--------|---------|----|--|-----|----------------------|--|--|
| _           | USAFETAL | /05-81/0/1   |          | <u> </u>  | BIE-AD | -E850 ( | A1 |  | 44. |                      |  |  |
| 2 05 5      |          |              |          |   |        |         |    |  |     |                      |  |  |
|             |          |              |          |   |        |         |    |  |     |                      |  |  |
|             |          |              |          |   |        |         |    |  |     |                      |  |  |
|             |          |              |          |   |        |         |    |  |     |                      |  |  |
|             |          |              |          |   |        |         |    |  |     |                      |  |  |
|             |          |              |          |   |        |         |    |  |     |                      |  |  |
|             |          |              |          |   |        |         |    |  |     |                      |  |  |
|             |          |              |          |   |        |         |    |  |     |                      |  |  |
|             |          |              |          |   |        |         |    |  |     |                      |  |  |

CATA PROLESSING BRANCH ETAC/USAF AIR FEATHER SEMVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21693   | JOHNSTON ISLAND/PACIFIC IS | 45=72     | JUN            |
|---------|----------------------------|-----------|----------------|
| STATION | STATION HAME               | YEARS     | MONTH          |
|         | ALI                        | WEATHER   | 1500-1700      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |
|         |                            |           |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56      | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|----------|-------|-----------------------|
| N                       | 1     |       | . 1    | • 1     |         |         |         |         |         |         |          | .1    | 11.5                  |
| NNE                     |       |       | .2     | . 2     |         |         |         |         |         |         |          | . 4   | 12.0                  |
| NE                      | 1     | 2     | 8      | 3.3     | 1.5     | -1      |         |         |         |         |          | 6.0   |                       |
| ENE                     | . 1   | • 2   | 2,9    | 18.1    | 14.3    | 2.8     | . 2     |         |         |         |          | 38.6  | 16.0                  |
| E                       |       | . 6   |        | 31.2    | 7.7     | . 7     |         |         |         |         |          | 47.1  | 13.7                  |
| ESE                     |       | . 3   |        | 3.6     | , 5     | . 2     |         |         |         |         |          | 6.0   | 12.7                  |
| SE                      | 1     | . 2   | .7     | . 2     |         |         |         |         |         |         |          | 1.2   | 9.0                   |
| SSE                     |       |       | -1     | - 1     |         |         |         |         |         |         |          | . ?   | 8.3                   |
| S                       |       | . 2   | . 1    |         |         |         |         |         |         |         |          | . 4   | 5.5                   |
| ssw                     |       |       | .1     |         |         |         |         |         |         |         |          | . 1   | 7.5                   |
| sw                      |       |       |        |         |         |         |         |         |         |         |          | -     |                       |
| wsw                     |       |       |        |         |         |         |         |         |         |         |          |       |                       |
| w                       | -     |       |        |         |         |         |         |         |         |         |          |       |                       |
| WNW                     |       |       |        |         |         |         |         |         |         |         |          |       |                       |
| NW                      |       |       |        |         |         |         |         |         |         |         |          |       |                       |
| NNW                     |       |       |        |         |         |         |         |         |         |         |          |       |                       |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |          |       |                       |
| CALM                    | ><    | ><    | ><     | ><      | ><      | ><      | ><      | ><      | > <     | ><      | $\times$ |       |                       |
|                         | .2    | 1.9   | 13.2   | 56.8    | 23.9    | 3.7     | . 2     |         |         |         |          | 190.0 | 14,4                  |

TOTAL NUMBER OF OBSERVATIONS 1712

USAFETAC  $_{
m SUL-64}^{
m FORM}$  0-8-5 (OL-1) previous editions of this form are obsolete

DATA PROCESSING PRANCH ETAC/USAF AIR FATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JUMNSTON ISLAND/PACIFIC IS | 45=72     | J Sila         |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 1800-2000      |
|         |                            | CLASS     | NOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6 | 7 - 10     | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47  | 48 - 55 | ≥56                                   | %        | MEAN<br>WIND<br>SPEED |
|-------------------------|--------|-------|------------|---------|---------|----------|---------|---------|----------|---------|---------------------------------------|----------|-----------------------|
| N                       |        |       | • 1        |         |         |          |         |         |          |         |                                       | • 1      | 7.0                   |
| NNE                     |        |       |            | .1      |         |          |         |         |          |         |                                       | . 1      | 12.0                  |
| NE                      | . 1    | • 1   | .9         | 3.7     | 1.5     | • 1      |         |         |          |         |                                       | 6.4      | 13.8                  |
| ENE                     | _      | . 4   | 3.5        | 17.9    | 10.5    | 3,7      | .1      |         |          |         |                                       | 42.1     | 16.0                  |
| E                       |        | . 8   |            | 29.1    | 8.9     | 1.1      |         |         | 1        |         |                                       | 45.4     | 14.1                  |
| ESE                     |        | . 2   |            | 2.3     | .9      |          |         |         | 1        | 1       |                                       | 4.3      | 13,2                  |
| SE                      | . 1    | • 1   | . 6        |         | -1      |          |         |         |          | 1       |                                       | 1.1      | 9,3                   |
| SSE                     |        | .1    |            | •       |         | • 1      |         |         |          | 1       |                                       | . 1      | 14.5                  |
| S                       |        | . 2   | . 1        |         |         |          |         |         | <u> </u> |         |                                       | . 2      | 5,3                   |
| ssw                     |        |       |            |         |         |          | -       |         | 1        |         | 1                                     |          |                       |
| sw                      |        | • 1   |            |         |         |          |         |         |          |         |                                       | .1       | 4.0                   |
| wsw                     |        |       |            |         |         |          |         |         |          |         |                                       | 1 -      | _                     |
| w                       | $\neg$ |       |            |         |         |          |         |         | 1        |         |                                       | 1 1      |                       |
| WNW                     |        |       |            |         |         |          |         |         |          |         |                                       | l 1      |                       |
| NW                      |        | •     | .1         |         |         |          |         |         | 1        |         |                                       | 1        | 7.0                   |
| NNW                     |        |       |            |         |         |          |         |         |          |         | · · · · · · · · · · · · · · · · · · · | 1 -      |                       |
| VARBL                   |        |       |            |         |         |          |         |         |          |         |                                       | <u> </u> | _                     |
| CALM                    | ><     | > <   | $\searrow$ | ><      | > <     | $\times$ | > <     | > <     | > <      | > <     |                                       | • 2      |                       |
|                         | .2     | 1.9   | 11.6       | 53.2    | 27.8    | 5.0      | . 1     |         |          |         |                                       | 100.0    | 14,7                  |

TOTAL NUMBER OF OBSERVATIONS 1713

DATA PRUCESSING HRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| _ <u>J</u> ()+          | <u>INSTON</u> | ISLANU/    | PACIFI        | C 15        |          | 45          | -72      |             | YEARS   |  |              | ·             | JUN                   |
|-------------------------|---------------|------------|---------------|-------------|----------|-------------|----------|-------------|---------|--|--------------|---------------|-----------------------|
|                         |               |            | <del></del> - |             | ALL W    | EATHER      |          |             |         |  |              | 2100<br>HOURE | 0=2300                |
|                         |               |            |               |             | сон      | DITION      |          |             |         | <br>   |              |               |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3         | 4 · 6      | 7 - 10        | 11 - 16     | 17 - 21  | 22 - 27     | 28 - 33  | 34 - 40     | 41 - 47 | 48 - 55  | ≥56          | *             | MEAN<br>WIND<br>SPEED |
| N                       | 1             | .1         |               |             |          |             |          |             |         | <del>                                     </del> | <del> </del> | -1            | 5.0                   |
| NNE                     | 1             |            |               | . 1         |          |             |          |             |         | <u> </u>   |              | - 1           | 12.0                  |
| NE                      | 1             |            | . 8           | 2.5         | 1.5      | . 1         |          |             |         | <del>                                     </del> |              | 5.1           | 14.3                  |
| ENE                     | 1             | .5         |               | 19.2        | 16.2     | 3,2         | .1       |             |         | T  |              | 42.3          | 12.0<br>14.3<br>16.0  |
| E                       |               | .6         |               |             | 8.9      | 1.5         |          |             |         | <b></b>  |              | 47.0          | 14.3                  |
| ESE                     | 1             | .2         |               | 2.1         | .4       |             |          |             |         | 1  | ( <u> </u>   | 3.7           | 11.9                  |
| SE                      | T             |            | .6            |             | ,4       |             |          |             |         |  |              | 1.2           | 10.6                  |
| SSE                     |               |            |               |             |          |             |          |             |         | 1  |              |               |                       |
| 5                       |               | .1         |               |             |          |             |          |             |         |  |              | . 1           | 5,0                   |
| SSW                     |               | .1         |               |             |          |             |          |             |         |  |              | .1            | 3,0                   |
| _ sw                    |               |            |               |             |          |             |          |             |         |  |              |               |                       |
| wsw                     |               |            |               |             |          |             |          |             |         |  |              |               |                       |
| W                       | <b>_</b>      |            |               |             |          |             |          |             |         |  |              |               |                       |
| WNW                     | 4             |            |               |             |          |             |          |             |         |  |              | . 1           | 5,0                   |
| NW                      | 4             |            |               |             |          |             |          |             |         |  |              |               |                       |
| NNW                     | J             | J          |               |             |          |             |          |             |         |  |              |               |                       |
| VARBL                   | 1             |            |               |             |          |             |          |             |         | L  |              |               |                       |
| CALM                    |               | $\searrow$ | $\searrow$    | $\geq \leq$ | $\times$ | $\geq \leq$ | $\times$ | $\geq \leq$ | X       | $\geq \leq$                                      | $\geq <$     | . 3           |                       |
|                         |               |            |               |             |          |             |          |             |         |  |              |               |                       |

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH ETAC/USAF AIR "EATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603<br>STATION | JOHI                    | NSTON        | ISLAND/ |        | C IS    | <del></del> | 45        | -71     | <del></del>  | YEARS   |             |     |      | JUL                   |
|------------------|-------------------------|--------------|---------|--------|---------|-------------|-----------|---------|--------------|---------|-------------|-----|------|-----------------------|
|                  |                         |              |         |        |         | ALL         | WEATHER   |         | <del>-</del> |         |             |     |      | 0-0200<br>* (L.S.T.)  |
|                  |                         |              |         |        |         |             | CONDITION |         |              |         | <del></del> |     |      |                       |
|                  | SPEED<br>(KNTS)<br>DIR. | 1 - 3        | 4-6     | 7 - 10 | 11 - 16 | 17 - 21     | 22 - 27   | 28 - 33 | 34 - 40      | 41 - 47 | 48 - 55     | ≥56 | %    | MEAN<br>WIND<br>SPEED |
| t                | N                       | <del> </del> | -1      |        | .1      |             |           |         |              |         | <u> </u>    |     | .1   | 6,0                   |
| Ī                | NNE                     |              |         | . 1    | . 4     |             | .1        |         |              |         |             |     | .6   | 13.3                  |
| ſ                | NE                      |              | .1      | . 9    | 3.6     | 1.          | 4 .1      |         | 1            | 1       |             |     | 6.1  | 14,1                  |
| Γ                | ENE                     |              | .2      | 4.8    |         | 11.         | 3 .9      |         |              | 1       |             |     | 37.1 | 14.8                  |
| ſ                | Ę                       |              | . 4     | 7.1    | 31.6    | 6.          | 6 1.7     | .1      |              |         |             |     | 47.6 |                       |
| [                | ESE                     |              | . 2     | 1.1    | 4.5     |             | 2 .1      |         |              |         |             |     | 7.1  | 13,3                  |
| [                | SE                      |              |         | 4      | 4       |             | 1         |         |              |         |             |     | . 8  |                       |

| DIR.  |             |          | '' '' |             |          |     | 1000     | ••••   | 4,1-4,      | 10.00       |          |       | SPEED |
|-------|-------------|----------|-------|-------------|----------|-----|----------|--------|-------------|-------------|----------|-------|-------|
| N     |             | 1        |       | .1          |          |     |          | ļ ———— |             |             |          | .1    | 6,    |
| NNE   |             |          | 1     | . 4         | . 1      |     |          |        |             |             |          | . 6   |       |
| NE    |             | 1        | . 9   | 3.6         | 1.4      | •1  |          |        |             |             |          | 6.1   | 14.   |
| ENE   |             | . 2      | 4.8   | 19.8        | 11,3     | . 9 |          |        |             |             |          | 37,1  | 14.   |
| E     |             | . 4      | 7.1   | 31.6        | 6.6      | 1.7 | • 1      |        |             |             |          | 47.6  | 13,   |
| ESE   |             | . 2      | 1.1   | 4.5         | 1.2      |     |          |        |             |             |          | 7.1   | 13,   |
| SE    |             |          | 4     | . 4         | 1        |     |          |        |             |             |          | . 8   | 11.   |
| SSE   |             |          |       | 1           |          |     |          |        |             |             |          | . 1   | 15.   |
| 5     |             |          |       | . 1         |          |     |          |        |             |             |          | . 1   | 12,   |
| ssw   |             |          |       |             |          |     |          |        |             |             |          |       |       |
| sw    |             |          |       |             |          |     |          |        |             |             |          |       |       |
| wsw   |             |          |       |             |          |     |          |        |             |             |          |       |       |
| w     |             |          |       |             |          |     |          |        |             |             |          |       |       |
| WNW   |             |          |       |             |          |     |          |        |             |             |          |       |       |
| NW    |             |          |       |             |          |     |          |        |             |             |          |       |       |
| NNW   |             |          |       | 1           |          |     |          |        |             |             |          | . 1   | 12,   |
| VARBL | I           |          |       |             |          |     |          |        |             |             |          |       |       |
| CALM  | $\geq \leq$ | $>\!\!<$ | ><    | $\geq \leq$ | $\times$ | ><  | $\times$ | ><     | $\geq \leq$ | $\geq \leq$ | $\times$ | . 5   |       |
|       |             | 1.0      | 14.4  | 60.6        | 20.6     | 2.8 | .1       |        |             |             |          | 100.0 | 14,   |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0.8.5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH FTAC/USAF AIR REATHER SERVICE/MAC

2

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION NAME | WEATHER    | MONTH              |
|--------------|------------|--------------------|
| ALL          | WEATUED    |                    |
|              | · bewildek | 0300-0500          |
|              | CLASS      | HOURS (L.S.T.)     |
|              |            | _                  |
| _            |            | CLASS<br>COMPITION |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6 | 7 - 10      | 11 - 16  | 17 - 21  | 22 - 27  | 28 - 33  | 34 - 40 | 41 - 47  | 48 - 55  | ≥56          | *        | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------|-------------|----------|----------|----------|----------|---------|----------|----------|--------------|----------|-----------------------|
| N                       |             |       |             |          |          |          |          |         |          |          |              |          |                       |
| NNE                     |             |       | . 2         | .2       |          |          |          |         |          |          |              | .4       | 11,3                  |
| NE                      |             | • 1   | 1.1         | 4.2      | 1,8      | • 1      |          |         |          |          |              | 7.2      | 14.4                  |
| ENE                     |             | . 2   | 5.7         | 20.2     | 12.2     | . 9      |          |         |          |          |              | 39.2     | 14.6                  |
| E                       |             | , 6   | 8.4         | 29.0     | 5,5      | 1.5      |          |         |          |          |              | 45.0     | 13,3                  |
| ESE                     |             | 2     | 2.1         | 3.0      | 1.4      | • 1      |          |         |          |          |              | 6.8      | 13.0                  |
| \$E                     |             | 1     | 2           | . 4      | . 1      |          |          |         |          |          |              | . 7      | 12,3                  |
| SSE                     |             | - 1   |             |          |          |          |          |         |          |          |              | 1        | 5,5                   |
| S                       |             |       |             |          |          |          |          |         |          |          |              |          |                       |
| S5W                     |             |       |             |          |          |          |          |         |          |          |              | <b>.</b> |                       |
| sw                      |             |       |             |          |          |          |          |         |          |          |              |          |                       |
| wsw                     |             |       |             |          |          |          |          |         |          |          |              |          |                       |
| w                       | a l         |       |             |          |          |          |          |         |          |          |              | . 1      | 2.0                   |
| WNW                     | L           |       |             |          |          |          |          |         |          |          |              |          |                       |
| NW                      |             |       |             |          |          |          |          |         |          |          |              |          |                       |
| NNW                     |             |       |             |          |          |          |          |         |          |          |              |          |                       |
| VARBL                   |             |       |             |          |          |          |          |         |          |          |              |          |                       |
| CALM                    | $\geq \leq$ | ><    | $\geq \leq$ | $\geq <$ | $>\!\!<$ | $>\!\!<$ | $>\!\!<$ | >>      | $\geq <$ | $\times$ | $\mathbb{X}$ | . 5      |                       |
|                         | . 1         | 1.2   | 17.5        | 57.0     | 21.1     | 2,6      | • 1      |         |          |          |              | 100.0    | 13,8                  |

TOTAL NUMBER OF OBSERVATIONS 1803

DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

2

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| JOHNSTON ISLAND/PACIFIC IS | 45-71        | jU <b>L</b>        |
|----------------------------|--------------|--------------------|
| STATION MABE               | YEARS        | MONTH              |
| AL                         | L WEATHER    | 0600+0800          |
|                            | CLASS        | HOURS (L.S.Y.)     |
|                            |              |                    |
|                            | CONDITION    |                    |
|                            | STATION HAME | ALL WEATHER  CLASS |

| CALM                    |       | > <   | $\overline{}$ | $\searrow$ | $\overline{}$ |         | > <     | > <     | > <         | $\sim$   | $\searrow$ | . 3  |                    |
|-------------------------|-------|-------|---------------|------------|---------------|---------|---------|---------|-------------|--|------------|------|--------------------|
| VARBL                   |       |       |               |            |               |         |         |         |             | <del>                                     </del> |            |      |                    |
| NNW                     |       |       |               |            |               |         |         |         | <del></del> |  |            |      | -                  |
| NW                      | -     |       |               |            |               |         |         |         |             |  |            |      |                    |
| WNW                     |       |       |               |            |               |         |         |         |             |  |            |      |                    |
| w                       | . 1   |       |               |            |               |         |         |         |             |  |            | . 1  | 2                  |
| wsw                     |       |       |               |            | -             |         |         |         |             |  |            |      |                    |
| sw                      |       |       |               |            |               |         |         |         |             | <u> </u>   |            |      |                    |
| SSW                     |       |       |               |            |               |         |         |         |             |  |            |      |                    |
| s                       |       |       |               | 1          |               |         |         |         |             |  |            | . 1  |                    |
| SSE                     |       | .1    | .1            |            | .1            |         | .1      |         |             |  |            | . 2  | 15                 |
| SE                      |       |       | . 3           | . 2        |               |         |         |         | 1           |  |            | .6   | 10                 |
| ESE                     |       | . 2   | 1.3           | 3.9        |               |         |         |         | -           |  |            | 6,6  |                    |
| E                       | .1    | .9    | 6.8           |            |               |         |         |         |             |  |            | 45,3 | 12                 |
| ENE                     |       | • 1   | 4.3           |            |               |         |         | T       |             |  |            | 39.2 | 1 !                |
| NE                      |       |       | 1.2           | 4.1        | 2.1           | .1      |         |         |             |  |            | 7.5  | 14                 |
| NNE                     |       |       |               | . 2        | .1            |         |         |         |             |  |            | . 2  | 14                 |
| N                       |       |       |               |            |               |         |         |         |             |  |            |      |                    |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10        | 11 - 16    | 17 - 21       | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47     | 48 - 55  | ≥56        | %    | MEA<br>WIN<br>SPEE |

TOTAL NUMBER OF OBSERVATIONS

1800

DATA PRUCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

# SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JURNSTON ISLAND/PACIFIC IS | 45-71    |                |
|---------|----------------------------|----------|----------------|
| STATION | STATION HAME               | YEARS    | BORTH          |
|         | ALL 1                      | WEATHER  | 0900-1100      |
|         |                            | CLASS    | NOURS (L.S.T.) |
|         |                            |          |                |
|         |                            | DIDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3             | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33     | 34 - 40  | 41 - 47     | 48 - 55     | ≥56 | %        | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------------|-------|--------|---------|----------|---------|-------------|----------|-------------|-------------|-----|----------|-----------------------|
| N                       |                   |       | . 1    |         |          |         |             |          |             |             |     | . 1      | 8.0                   |
| NNE                     |                   | • 1   | . 5    | . 1     | . 1      |         |             |          |             |             |     | . 8      | 9,8                   |
| NE                      |                   | • 1   | 1.5    | 3,6     | 1,8      | , 2     |             |          |             |             |     | 7.2      | 14.1                  |
| ENE                     | . 1               | . 2   | 3.4    | 20.0    | 11.6     | 1.2     |             |          |             |             |     | 36.5     | 15,2                  |
| E                       |                   | , 3   | 6.6    | 32.6    | 6.9      | 1.3     |             |          |             |             |     | 47.7     | 13.9                  |
| ESE                     | . 1               | • 1   | 1.5    | 4.0     | . 8      |         |             |          | }           |             |     | 6.4      | 12,9                  |
| SE                      |                   | . 1   | . 1    | . 4     |          |         |             |          |             |             |     | . 5      | 11.3                  |
| SSE                     |                   |       |        | . 1     |          | 1       |             |          |             |             |     | 2        | 19.0                  |
| \$                      |                   |       |        |         |          |         |             |          |             |             |     |          |                       |
| ssw                     |                   |       |        |         |          |         |             |          | Ì           | L           |     |          |                       |
| sw                      |                   |       |        |         |          |         |             |          |             |             |     |          |                       |
| wsw                     |                   |       |        |         |          |         |             |          |             | L           |     |          |                       |
| w                       |                   |       | 1      |         |          |         |             | <u> </u> | <u> </u>    | <u> </u>    |     | . 1      | 10.0                  |
| WNW                     |                   |       |        |         |          |         |             | L        | <u></u>     |             |     |          |                       |
| NW                      |                   |       |        |         |          |         |             | <u> </u> | <u> </u>    |             | L   | <u> </u> |                       |
| NNW                     |                   |       |        |         |          |         |             |          | <u> </u>    | <u> </u>    |     |          |                       |
| VARBL                   |                   |       |        |         |          |         |             | <u></u>  | L           | <u> </u>    |     | <u></u>  |                       |
| CALM                    | $\supset \subset$ | > <   | ><     | ><      | $>\!\!<$ | ><      | $\geq \leq$ | $\geq <$ | $\geq \leq$ | $\geq \leq$ | ><  | • •      |                       |
|                         | .1                | 9     | 13.7   | 60.8    | 21,3     | 2,7     |             |          |             |             |     | 100.0    | 14.3                  |

TOTAL NUMBER OF OBSERVATIONS

1799

DATA PRECESSING RRANCH FTAC/USAF AIR REATHER SERVICE/MAC

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <b>210</b> 03 | <u> </u>                | 1     | STATION NAME YEARS |            |         |          |         |         |          |         | MONTH       |     |       |                       |
|---------------|-------------------------|-------|--------------------|------------|---------|----------|---------|---------|----------|---------|-------------|-----|-------|-----------------------|
| STATION       |                         |       | STATION            | NAME       |         |          |         |         | 1        | TEARS   |             |     |       | ONTH                  |
|               |                         |       |                    |            |         | ALL W    | EATHER  |         |          |         |             |     | 1200  | 0-1400                |
|               | ALL WEATHER             |       |                    |            |         |          |         |         |          |         |             |     | HOURS | (L.S.T.)              |
|               |                         |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
|               |                         | _     |                    |            |         | CON      | DITION  |         |          |         |             |     |       |                       |
|               |                         | _     |                    |            |         |          |         |         |          | _       |             |     |       |                       |
|               |                         |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
|               |                         |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
|               | SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6                | 7 - 10     | 11 - 16 | 17 - 21  | 22 - 27 | 28 - 33 | 34 - 40  | 41 - 47 | 48 - 55     | ≥56 | %     | MEAN<br>WIND<br>SPEED |
| i             | N                       |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
|               | NNE                     |       | . 2                | - 4        | . 3     |          |         |         |          |         |             |     | , A   | 9,3<br>14,6<br>15,1   |
|               | NE                      |       | . 1                | 1.3        | 3.8     | 1.6      | . 6     |         |          |         |             |     | 7,3   | 14.6                  |
|               | ENE                     |       | , 2                | 3.9        | 19.8    | 13,1     | . 8     |         |          |         |             |     | 38.0  | 15,1                  |
|               | E                       |       | . 7                | 6.1        | 32.4    | 6,7      | 1.0     |         |          |         |             |     | 46.9  | 13.7                  |
| 1             | ESE                     |       | 3                  | 1.2        | 3,4     | . 7      |         |         |          | I       |             |     | 5.7   | 12,4                  |
|               | SE                      | - 1   |                    | 3          | . 4     | 1        | _       |         |          |         |             |     | . 9   | 11,9                  |
|               | SSE                     |       |                    | 1          | 1       | 1        |         |         |          |         |             |     | . 2   | 11,9                  |
|               | \$                      |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
| 1             | ssw                     |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
|               | sw                      |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
|               | wsw                     |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
| 1             | w                       |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
|               | WNW                     |       | - 1                |            |         |          |         |         |          |         |             |     | . 1   | 5,0                   |
| İ             | NW                      |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
|               | NNW                     |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
| 1             | VARBL                   |       |                    |            |         |          |         |         |          |         |             |     |       |                       |
|               | CALM                    |       | ><                 | $\geq < 1$ | ><      | $\geq <$ | ><      | ><      | $>\!\!<$ | ><      | $\geq \leq$ | ><  | . 2   |                       |
|               |                         | .1    | 1.6                | 13.3       | 60.2    | 22.2     | 2.4     |         | =        |         |             |     | 100.0 | 14.2                  |

TOTAL NUMBER OF OBSERVATIONS 1799

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH FTAC/USAF AIR EATHER SERVICE/MAC

21603 GUHNSTON ISLAND/PACIFIC IS 45-71

2

# SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                         | 3)ATION HARD                                     |       |            |         |         |         |         |             |              |          |     |       | MONTH                 |  |
|-------------------------|--|-------|------------|---------|---------|---------|---------|-------------|--------------|----------|-----|-------|-----------------------|--|
|                         |  |       |            |         | ALL W   | EATHER  |         |             |              |          |     | 150   | 0-1700                |  |
|                         | _  |       |            |         | CI      | ASS     |         |             |              |          |     | HOUR  | (L.S.T.)              |  |
|                         | -  |       |            |         | CON     | DITION  |         | <del></del> |              |          |     |       |                       |  |
|                         | _  |       |            |         |         |         |         |             |              |          |     |       |                       |  |
|                         |  |       |            |         |         |         |         |             | _            |          |     |       |                       |  |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6 | 7 - 10     | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40     | 41 - 47      | 48 - 55  | ≥56 | %     | MEAN<br>WIND<br>SPEED |  |
| N                       |  | • 1   |            |         |         |         |         |             |              |          |     | . 1   | 5.0                   |  |
| NNE                     | 1  | . 1   | . 4        | . 3     |         |         |         |             |              |          |     | . 8   |                       |  |
| NE                      |  | . 1   | 1.3        | 5.1     | 1,5     | . 4     |         |             |              |          | [   | 8,3   |                       |  |
| ENE                     | 7  | . 2   | 4.0        | 22.1    | 12.6    | . 8     |         |             |              |          | 1   | 39,7  | 15.0                  |  |
| E                       |  | .7    | 6.1        | 31.3    |         | .7      | . 1     |             |              |          |     | 45.1  | 13.6                  |  |
| ESE                     | 1  | .2    | . 9        |         | , 6     |         |         |             |              |          |     | 5.1   | 12.8                  |  |
| SE                      |  | .1    | . 3        | . 2     |         |         |         |             |              | <u> </u> |     | . 7   | 11.9                  |  |
| SSE                     |  |       | . 1        |         |         |         |         |             |              |          |     | . 1   | 10.0                  |  |
| S                       |  |       |            |         |         |         |         |             |              |          |     |       |                       |  |
| ssw                     |  |       |            |         |         |         |         |             |              |          |     |       |                       |  |
| sw                      |  |       |            |         |         |         |         |             |              |          |     |       |                       |  |
| wsw                     |  |       |            |         |         |         |         | T           |              |          |     |       |                       |  |
| w                       | 1  |       |            |         |         |         |         |             |              |          |     |       |                       |  |
| WNW                     | 1  | T 1   |            |         |         |         |         |             |              |          | I   |       |                       |  |
| NW                      |  |       |            |         |         |         |         |             |              |          |     |       |                       |  |
| NNW                     | 1  |       |            |         |         |         |         |             |              |          | 1   |       |                       |  |
| VARBL                   | 1  |       |            |         |         |         |         |             |              |          |     |       |                       |  |
| CALM                    |  |       | $\searrow$ | ><      | ><      | >       | > <     | >>          | > <          | $\sim$   |     | . ?   |                       |  |
| <b> </b>                | <del>                                     </del> | , ,   | 12 0       | 42.7    | 21 1    | \ \ \   | ,       |             | <del> </del> |          |     | 100.0 | 14 1                  |  |
|                         |  |       |            |         |         |         |         |             |              |          |     |       |                       |  |

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH ETAC/USAF AIR FEAT-ER SERVICE/MAC

2

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 603 | UIDHINSTEIN ISLAND/PACIFIC IS 45-71 |       |       |        |         |         |         |         |         |         |         |                             | - <del>``</del> | JUL                        |  |
|-----|-------------------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----------------------------|-----------------|----------------------------|--|
|     | ALL WEATHER  CLASS                  |       |       |        |         |         |         |         |         |         |         | 1800=2000<br>HOURS (L.S.T.) |                 |                            |  |
|     | COMDITION                           |       |       |        |         |         |         |         |         |         |         |                             |                 |                            |  |
|     | SPEED<br>(KNTS)<br>DIR.             | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56                         | %               | MEAN<br>WIND<br>SPEED      |  |
|     | N                                   |       |       |        | 1       |         |         |         |         |         |         |                             | . 1             | 13.0                       |  |
|     | NNE                                 |       |       | . 3    | 3.      |         |         |         |         |         |         |                             | . 4             | 10,6<br>13,7<br>15.2       |  |
|     | NE                                  |       | - 1   | 1.8    | 4.8     | 1.3     | . 4     |         |         |         |         |                             | 8,4             | 13,7                       |  |
|     | ENE                                 | 1     | - 1   | 4.2    | 21.6    | 14.4    | 1,2     | -1      |         |         |         |                             | 41.6            | 15.2                       |  |
|     | E                                   | 2     | -4    | 6.1    | 31.4    | 5,8     |         |         |         |         |         |                             | 44.6            | 13.5                       |  |
|     | ESE                                 |       | - 1   | . 6    |         | - 4     | - 1     |         |         |         |         |                             | 4,3             | 13.5                       |  |
| _   | SE                                  |       |       |        | 1       | - 1     |         |         |         |         |         |                             | . 2             | 14.5                       |  |
| _   | SSE                                 |       | - 1   | 1      |         |         |         |         |         |         |         |                             | . 1             | 13.5<br>14.5<br>8.0<br>8.3 |  |
| _   | S                                   |       |       | . 2    |         |         |         |         |         |         |         |                             | . 2             | 8.3                        |  |
| _   | ssw                                 |       |       |        |         |         |         |         |         |         |         |                             |                 |                            |  |
| L   | sw                                  |       |       |        |         |         |         |         | J       |         | $\bot$  |                             |                 |                            |  |
| _   | wsw                                 |       |       |        |         |         |         |         |         |         |         |                             |                 |                            |  |
| L   | w                                   |       |       |        |         |         |         |         |         |         |         |                             |                 |                            |  |
|     | WNW                                 |       |       |        |         |         |         |         |         |         |         |                             |                 |                            |  |
| L   | NW                                  |       |       |        |         |         |         |         |         |         |         |                             |                 |                            |  |
| L   | NNW                                 |       |       |        |         |         |         |         |         |         |         |                             |                 |                            |  |
|     | VARBL                               |       |       |        |         |         |         |         |         |         |         |                             |                 |                            |  |
| Γ   | CALM                                |       |       |        |         |         |         |         |         |         |         |                             | . 1             |                            |  |

TOTAL NUMBER OF OBSERVATIONS

1799

DATA PROCESSING SHAREH FTACTUSAL AIR EATHER SERVICETSAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21003   | AUGINSTAN ISLAND/PACIFIC IS | _ 45-71  | ال <b>ل</b>    |
|---------|-----------------------------|----------|----------------|
| STATION | STATION NAME                | YEARS    | MONTH          |
|         | ALL                         | WEATHER  | 2100-2300      |
|         | <del></del>                 | CLASS    | HOURS (L.S.T.) |
|         |                             |          |                |
|         |                             | ONDITION |                |
|         |                             |          |                |
|         | <del></del>                 |          |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6 | 7 - 10   | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40      | 41 - 47      | 48 - 55  | ≥56 | %  | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-----|----------|-------------|-------------|-------------|-------------|--------------|--------------|--|-----|--|-----------------------|
| N                       |             |     |          |             |             |             |             |              |              |  |     |  |                       |
| NNE                     |             |     | . 2      | 1           | . 1         |             |             |              |              |  |     | . 4  | 13                    |
| NE                      |             | • 1 | 1.6      | 4.5         | 1.1         | . 2         |             |              |              |  |     | 7.5  | 13                    |
| ENE                     |             | . 1 | 4.9      | 21.9        | 13.0        | 1.5         | .1          |              |              | T  |     | 41.5   | 15                    |
| E                       | .1          | . 4 | 6.5      |             | 6.0         | 1.6         |             |              |              | ·  |     | 45.0   | 13                    |
| ESE                     |             |     | 1.0      | 3.2         |             | . 1         |             |              | ļ ————       |  |     | 5.0  | 1.3                   |
| SE                      |             |     |          | . 3         | .1          |             |             |              |              |  |     | . 3  | 13                    |
| SSE                     |             |     |          |             |             |             |             |              |              | 1  |     | . 1  | 13                    |
| s                       |             |     |          |             |             |             |             |              |              |  |     | <del></del>                                      |                       |
| ssw                     |             |     |          |             |             |             |             |              |              | <del> </del>                                     |     | <del> </del>                                     |                       |
| SW                      |             |     |          |             |             |             |             |              | <del></del>  | <del>                                     </del> |     | <del> </del>                                     |                       |
| wsw                     |             |     |          |             |             |             |             | <del> </del> |              | <del>                                     </del> |     | <del> </del>                                     |                       |
| W                       | <del></del> |     |          |             |             |             |             |              |              |  |     | <del> </del>                                     |                       |
|                         |             |     |          |             |             |             |             |              |              | <del> </del> -                                   |     |  |                       |
| WNW                     |             |     |          | +           |             |             |             |              |              | <del> </del> -                                   |     | <del>                                     </del> |                       |
| NW                      |             |     |          |             |             |             |             | <del> </del> | <del></del>  | <del> </del> -                                   |     | <del> </del>                                     |                       |
| NNW                     |             |     |          |             |             |             |             |              | <del> </del> |  |     | <del></del>                                      |                       |
| VARBL                   |             |     | <u> </u> |             |             |             |             | <u> </u>     | <u> </u>     | <u> </u>   |     | ļ <b>-</b>                                       |                       |
| CALM                    | $\geq <$    | > < | ><       | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$  | $\geq \leq$  | $\geq \leq$                                      | > < | . 2  |                       |
|                         |             | . 6 | 14.2     | 60.6        | 21.0        | 3,3         | . 1         |              |              | ]  |     | 100.0  | 14                    |

TOTAL NUMBER OF OBSERVATIONS

1794

DATA PRINCESSIE BRANCH PTACYUSAS AIR EATSER SERVICE/SAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | SEPRETUR ISLAND/PACIFIC IS | 45-71       |       | AUG            |
|---------|----------------------------|-------------|-------|----------------|
| STATION | STATION NAME               |             | YEARS | MONTH          |
|         |                            | ALL WEATHER |       | 0006-0200      |
|         |                            | CLASS       |       | HOURS (L.S.T.) |
|         |                            |             |       |                |
|         |                            | CONDITION   |       |                |
|         | <u> </u>                   |             |       |                |
|         |                            |             |       |                |
|         |                            |             |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|----------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| z                       |       |       | .1     | . 1      |         |         |         |         |         | 1       | -   | , 1   | 12.                   |
| NNE                     |       | . 1   | . 1    |          |         |         |         |         |         |         |     | . 1   | 6,                    |
| NE                      |       | . 2   | 2.0    | 2.9      | 1.0     |         |         |         |         |         |     | 6,2   | 12,                   |
| ENE                     | . 1   | . 2   | 5.7    | 18.5     | 11.1    | 1.0     | . 2     |         |         |         |     | 36.7  | 14.                   |
| E                       |       | . 3   | 7.7    | 28.7     | 8.4     | 1.3     |         |         |         |         |     | 46.3  | 13.                   |
| ESE                     |       | . 1   | 1.9    | 5,6      | 1.4     | . 1     |         |         |         |         |     | 9.1   | 13,                   |
| SE                      |       | • 1   | . 3    | . 3      | . 3     | • 1     |         |         |         |         |     | 1.0   | 14.                   |
| SSE                     |       |       |        | . 1      |         |         |         |         |         |         |     | . 1   | 14.                   |
| S                       |       |       |        |          |         |         |         |         |         |         |     |       |                       |
| ssw                     | . 1   |       |        |          |         |         |         |         |         |         |     | . 1   | 2.                    |
| sw                      |       |       |        |          |         |         |         |         | ,       |         |     |       |                       |
| wsw                     |       |       | ]      |          |         |         |         |         |         |         |     |       |                       |
| w                       |       |       |        |          |         |         |         |         |         |         |     | . 1   | 4.                    |
| WNW                     |       |       |        |          |         |         |         |         |         |         |     |       |                       |
| NW                      |       |       |        |          |         | `       |         |         |         |         |     |       |                       |
| MMM                     |       |       |        |          |         |         |         |         |         |         |     |       |                       |
| VARBL                   |       |       |        |          |         |         |         |         |         |         |     |       |                       |
| CALM                    | ><    | ><    | ><     | $\geq <$ | ><      | > <     | > <     | > <     | ><      | ><      | ><  | . 3   |                       |
|                         | . 1   | . 9   | 17.6   | 56.0     | 22,2    | 2.5     | . 2     |         |         |         |     | 100.0 | 14,                   |

TOTAL NUMBER OF OBSERVATIONS

NATA PRECESSING FRANCH ETACHUSAR AIR EATHER WERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 2) r.   | <u></u>                 | VS TON | ISLAND/ | PACIFI | C 15    |         | 4.5     | -71     | <del></del> | YEARS   |         |                  |      |                       |
|---------|-------------------------|--------|---------|--------|---------|---------|---------|---------|-------------|---------|---------|------------------|------|-----------------------|
| •1      |                         |        |         |        |         |         | EATHER  |         |             |         |         | ≥56 % WIND SPEED |      |                       |
| STATION |                         |        |         |        |         |         | DITION  |         |             |         |         |                  | NOV. |                       |
|         |                         |        |         |        |         |         |         |         |             |         |         |                  |      |                       |
|         |                         |        |         |        |         |         |         |         |             | ·       |         |                  |      |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6   | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40     | 41 - 47 | 48 - 55 | ≥ 56             | %    | MEAN<br>WIND<br>SPEED |
|         | N                       |        |         |        |         |         |         |         |             |         |         |                  | . 1  | 18.0                  |
|         | NNE                     |        | .1      | .1     | 2       | 1       |         |         |             |         |         |                  | . 3  | 11.7                  |
|         |                         |        |         |        |         | . 3     |         |         |             |         |         |                  | 7 7  | 1 2 0                 |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6         | 7 - 10   | 11 - 16 | 17 - 21     | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55 | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|----------|---------|-------------|----------|-------------|-------------|-------------|---------|------|-------|-----------------------|
| N                       |             |             |          |         | .1          |          |             |             |             |         |      | , 1   | 18.0                  |
| NNE                     |             | - 1         | .1       | 2       | 1           |          |             |             |             |         |      | . 3   | 11.7                  |
| NE                      |             | 1           | 2.7      | 3.1     | 1.3         |          |             |             |             | l       |      | 7,2   |                       |
| ENE                     |             | . 3         | 0,0      | 17.6    | 10.0        | 1.8      | . 2         |             |             | L       |      | 35.8  | 14.8                  |
| E                       | . 1         |             | 7,9      | 30.2    |             |          | . 1         |             |             |         |      | 46.5  | 13.6                  |
| ESE                     | . 1         | • 1         | 1.7      | 5.7     | 1.0         |          | 1           |             |             |         | (    | 8.7   | 13.0                  |
| SE                      | . 1         | 1           | .3       | 2       | - 1         |          |             |             |             |         |      | . 7   | 10.2                  |
| SSE                     |             |             |          |         |             |          |             |             |             |         |      | , 1   | 19,0                  |
| S                       |             |             | . 1      |         |             |          |             |             |             |         |      | . 7   | 14,3                  |
| SSW                     |             |             | . 1      |         |             |          |             |             |             |         |      | . 1   | 8.0                   |
| sw                      | .1          |             |          |         |             |          |             |             |             |         | {    | . 1   | 1.0                   |
| wsw                     |             |             |          |         |             |          |             |             |             |         |      |       |                       |
| w                       |             |             |          | 1       |             |          |             |             |             |         |      | . 1   | 14.0                  |
| WNW                     |             |             |          |         |             |          | İ           |             |             |         |      |       |                       |
| NW                      |             |             |          |         |             |          |             |             |             |         | l    |       |                       |
| NNW                     |             |             |          |         |             |          |             |             |             |         | l    |       |                       |
| VARBL                   |             |             |          |         |             |          |             |             |             |         | ]    |       |                       |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq <$ | ><      | $\geq \leq$ | $\geq <$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq$  | ><   | .4    |                       |
|                         | . 3         | 1.0         | 18.7     | 57.1    | 19.4        | 2.8      | . 4         |             |             |         |      | 100.0 | 13.8                  |

TOTAL NUMBER OF OBSERVATIONS 1815

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PRUPESSING FRANCH ETACZUSAF AIR CEAT ER CERVICEZAC

2

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21a33   | JUHNSTON ISLAND/PACIFIC IS | 45-71      | AUG            |
|---------|----------------------------|------------|----------------|
| STATION | STATION NAME               | YEARS      | MONTH          |
|         | Δ1                         | LL WEATHER | 0600-0800      |
|         |                            | CLASS      | HOURS (L.S.T.) |
|         |                            |            |                |
|         |                            | COMPLTION  |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10   | 11 - 16  | 17 - 21  | 22 - 27 | 28 - 33 | 34 - 40       | 41 - 47 | 48 - 55           | ≥ 56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|----------|----------|----------|---------|---------|---------------|---------|-------------------|------|-------|-----------------------|
| N                       |       |       |          | • 1      |          | • 1     |         |               |         |                   |      | .1    | 17.                   |
| NNE                     |       | • 1   | . 2      | 3        | , 1      |         |         |               |         |                   |      | .7    | 12,                   |
| NE                      |       | .2    | 1.9      | 3.3      | 1.8      | . 1     |         |               |         |                   |      | 7.3   | 13,                   |
| ENE                     |       | , 3   | 4.8      | 18.3     | 12.2     | 1.7     | . 2     |               |         |                   |      | 37.5  | <u>-15.</u>           |
| E                       |       | . 3   | 7.4      |          | 8.0      | . 6     |         |               |         |                   |      | 45.6  | 13,                   |
| ESE                     |       | , 2   | 1.8      | 4,4      | 1.2      | • 1     | • 1     |               |         |                   |      | 7.0   |                       |
| SE                      |       | - 1   | . 1      | ,2       | . 1      | - 1     |         |               |         |                   |      | . 5   | 12                    |
| SSE                     |       |       | -1       | . 1      |          |         |         |               |         |                   |      | . 1   | 11                    |
| S                       |       | . 1   | 1        |          |          |         |         |               |         |                   |      | . 1   | 7,                    |
| ssw                     |       |       | . 1      |          |          |         |         |               |         |                   |      | . 1   | 10                    |
| sw                      | . 1   |       |          |          |          |         |         |               |         |                   |      | • 1   | 2                     |
| wsw                     |       |       |          |          |          |         |         |               |         |                   |      |       |                       |
| w                       |       |       |          |          |          |         |         |               |         |                   |      |       |                       |
| WNW                     |       |       |          |          |          |         |         |               |         |                   |      |       |                       |
| NW                      |       |       |          |          |          |         |         |               |         |                   |      |       |                       |
| NNW                     |       |       |          |          |          |         |         |               |         |                   |      | . 1   | 12                    |
| VARBL                   |       |       |          |          |          |         |         |               |         |                   |      |       |                       |
| CALM                    | ><    | > <   | $\times$ | $\times$ | $\times$ | > <     | > <     | $\overline{}$ | > <     | $\supset \subset$ |      | . 1   |                       |
|                         |       | 1.2   | 16.4     | 55.9     | 23,5     | 2.5     | ,3      |               |         |                   |      | 100.0 | 14.                   |

TOTAL NUMBER OF OBSERVATIONS 1815

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROLESSING BRANCH ETAC/USAF AIR EATHER SERVICE/MAC

2

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| ATION | 2001                    | 4STON I     | SLAND/       | PACIFI      | C IS        |         | 45      | -71     | <del></del> | YEARS        |             |            |       | AUG                   |
|-------|-------------------------|-------------|--------------|-------------|-------------|---------|---------|---------|-------------|--------------|-------------|------------|-------|-----------------------|
|       |                         | _           |              |             |             | ALL W   | EATHER  |         |             | <del>.</del> |             |            | 090   | 0=1100<br>(U.E.T.)    |
|       |                         | -           |              |             |             | COM     | IDITION |         |             |              | _           |            |       |                       |
|       | SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6          | 7 - 10      | 11 - 16     | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40     | 41 - 47      | 48 - 55     | ≥56        | %     | MEAN<br>WIND<br>SPEED |
| ı     | N                       |             |              | . 2         |             |         | -       |         |             |              |             |            | . 2   | 9.7                   |
|       | NNE                     |             | <del> </del> | . 2         | . 3         |         |         |         |             |              |             |            | . 4   | 12.1                  |
| ı     | NE                      |             | . 2          | 1.0         |             |         | . 3     | ,       |             |              | 1           |            | 6.6   | 14.0                  |
| ĺ     | ENE                     | .1          | 2            | 3.7         | 17.0        | 12.2    | 2.6     | . 1     |             | -            |             |            | 35.9  | 14.0                  |
|       | E                       |             | 3            | 6.3         | 30.6        | 8.6     | . 9     | .1      |             |              | 1           |            | 46.9  | 14.1                  |
|       | ESE                     |             | 1            | 1.4         |             | 1,2     | . 1     |         |             |              |             |            | R . 5 |                       |
|       | SE                      |             | .1           | . 3         |             |         |         |         |             | <u> </u>     |             |            | .9    | 12.8                  |
|       | SSE                     |             | .1           |             |             |         | _ 1     |         |             |              |             |            | , 1   | 14,5                  |
| _     | S                       |             | 1            | 1           | . 2         |         |         |         |             |              |             |            | , 3   | 10.8                  |
|       | ssw                     |             |              |             |             |         |         |         |             |              |             |            | 1     | 2.0                   |
|       | sw                      |             | 1            |             |             |         |         |         |             |              |             |            | , 1   | 4,0                   |
|       | wsw                     |             |              |             |             |         |         | L       |             |              |             |            |       |                       |
| L     | w                       |             |              |             |             |         |         |         |             | L            |             |            |       |                       |
|       | WNW                     |             |              |             |             |         | ļ       |         |             |              |             |            |       |                       |
|       | NW                      | <b> </b>    | ļ            |             |             |         | L       |         |             |              | <u> </u>    |            |       |                       |
|       | NNM                     | <u> </u>    |              |             |             |         |         |         |             |              |             |            |       |                       |
|       | VARBL                   |             |              |             |             |         |         |         |             |              |             |            |       |                       |
| ĺ     | CALM                    | $\geq \leq$ | $\geq \leq$  | $\geq \leq$ | $\geq \leq$ | ><      | ><      | ><      | $\geq \leq$ | ><           | $\geq \leq$ | $\searrow$ |       |                       |
| ĺ     |                         |             | , ,          | 13 9        | 49.4        | 22 4    | 4       | 2       |             |              |             |            | 100.0 | 14.6                  |

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

DATA PRIJEESSING HRANGH ETACZUSAF AIR HEATHER SERVICEZMAC

2

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603 | <u> </u>                | NST(IN | SLAND/ |        | C IS    |         | 45      | -71     |         | YEARS   |         |     |      | AUG                   |
|-------|-------------------------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|-----|------|-----------------------|
|       |                         | -      |        |        |         |         | EATHER  |         |         |         |         |     |      | 0=1400<br>s (L.S.T.)  |
|       |                         | -      |        |        |         | CON     | DITION  |         |         |         |         |     |      |                       |
|       | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *    | MEAN<br>WIND<br>SPEED |
|       | N                       |        | l      | .1     | •1      |         |         |         |         |         |         |     | . ?  | 8,3                   |
|       | NNE                     |        | 1 .1   | . 3    | . 2     |         |         |         |         |         |         |     | . 7  | 9,9                   |
|       | NE                      |        | . 2    | 1.7    | 3,1     | 1,5     | . 2     | •1      |         |         |         |     | 6.8  | 13.8                  |
|       | ENE                     |        | • 1    | 3.6    | 17,7    | 12,7    | 2.0     | - i     |         |         |         |     | 36.3 | 15.7                  |
|       | E                       |        | . 4    | 6,9    | 30.7    | 8.0     | . 8     | •1      |         |         |         |     | 46.9 | 13.9                  |

| ENE   |      |             | 3.0  | 1/4/        | 12,         | «•U    |          | 1           |        |        |    | 30.0  | 12.4 |
|-------|------|-------------|------|-------------|-------------|--------|----------|-------------|--------|--------|----|-------|------|
| E     | I    | . 4         | 6,9  | 30.7        | 8.0         | . 8    | .1       |             |        |        |    | 46.9  | 13.9 |
| ESE   | II . | .1          | 1.3  | 5.1         | 1.2         | .1     |          |             |        |        |    | 7.6   | 13.6 |
| SE    | 1    | .1          | 2    | .7          | .1          |        |          |             |        |        |    | 1.0   | 13.1 |
| SSE   |      |             | .1   | -1          |             |        |          |             |        |        | İ  | .1    | 12.5 |
| 5     |      | . 1         | 2    | .1          |             |        |          |             |        |        | 1  | . 4   | 9.3  |
| SSW   | 1    |             |      | . 1         |             |        |          |             |        |        |    | . 1   | 12.0 |
| sw    |      |             |      | -           |             |        |          |             |        |        |    |       |      |
| wsw   |      |             |      |             |             |        |          |             |        |        |    |       |      |
| w     |      | L           |      |             |             |        |          |             |        |        |    |       |      |
| WNW   |      |             |      |             |             |        |          | , i         |        |        |    |       |      |
| NW    | I    |             |      |             |             |        |          |             |        |        |    |       |      |
| NNW   | 1    |             |      |             |             |        |          |             |        |        |    |       |      |
| VARBL |      |             |      |             |             |        |          |             |        |        |    |       |      |
| CALM  |      | $\geq \leq$ |      | $\geq \leq$ | $\geq \leq$ | $\geq$ | $\times$ | $\geq \leq$ | $\geq$ | $\geq$ | >< | . 1   |      |
|       |      | . 9         | 14.3 | 57.7        | 23,5        | 3.1    | . 2      |             |        |        |    | 100,0 | 14,4 |

TOTAL NUMBER OF OBSERVATIONS

1820

MATA PROCESSING HRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

2

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603  | JOHNSTON    | ISLAND/PACIFIC IS | 45-71       |              | AU <b>G</b>    |
|--------|-------------|-------------------|-------------|--------------|----------------|
| ROTATE |             | SWAM MOITATE      | ALL WEATHER | YEARS        | 1500-170       |
|        | -           | ~ <del></del>     | CLASS       |              | HOURS (L.S.T.) |
|        | -           |                   | CONDITION   | <del></del>  |                |
|        | _           |                   |             |              |                |
|        |             |                   |             |              |                |
| _      | <del></del> | <del></del>       | <del></del> | <del>,</del> | <del></del>    |

|                         | ) .         | 1.2         | 14.0        | 59.1        | 22.5        | 2.6         | . 3         |             | }           | {           | i i         | 100.0 | 14                    |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-----------------------|
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | . 3   |                       |
| VARBL                   |             |             |             |             |             |             |             |             |             |             |             |       |                       |
| NNW                     |             |             |             |             |             |             |             |             | L           |             | L           |       |                       |
| NW                      |             |             |             |             |             |             |             |             |             |             | l           | L     |                       |
| WNW                     |             |             |             |             |             |             |             |             |             |             |             |       |                       |
| w                       |             |             |             |             |             |             |             |             |             |             |             |       |                       |
| wsw                     |             |             |             |             |             |             |             |             |             |             |             |       |                       |
| sw                      | 1           |             |             |             |             |             |             |             |             |             | L           | . 1   | 7                     |
| SSW                     |             |             | 1           | 1           |             |             |             |             |             |             |             | . 1   | 11                    |
| \$                      |             |             |             |             |             |             |             |             |             |             | [           | , 1   | 5                     |
| SSE                     |             |             | 1           | - 2         |             |             |             |             |             |             |             | . 3   | 10                    |
| SE                      |             | 1           | 3           | . 4         | 2           |             |             |             |             |             |             | 1.0   | 13                    |
| ESE                     |             | 2           | 9           | 4.7         | 9           | 1           |             |             |             |             |             | 6.4   | 1,3                   |
| Ę                       |             | 2           | 6.8         | 29,9        | 7,9         | . 8         |             |             |             |             |             | 45,7  | 13                    |
| ENE                     |             | . 4         | 3,5         | 19.7        | 11,2        | 1,5         | , 2         |             |             |             |             | 36.6  | 15                    |
| NE                      |             | 2           | 1.9         | 3.8         |             |             | 1           |             |             |             |             | 8.5   | 14                    |
| NNE                     |             |             | . 3         | 2           |             |             |             |             |             |             |             | . 5   | 11                    |
| N                       | . 1         |             |             | • 1         |             |             |             |             |             |             |             | . ?   | 9                     |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6         | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | *     | MEAN<br>WIND<br>SPEED |

TOTAL NUMBER OF OBSERVATIONS

NATA PRUCESSING BRANCH FTAC/USAF AIR DEATHER SERVICE/MAC

21603 JOHNSTON ISLAND/PACIFIC IS

2

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

AUG

1819

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                         |          |       |        |         |         |         |         |         |         |         |     | -     |                       |
|-------------------------|----------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
|                         |          |       | _      |         | ALL W   | EATHER  |         |         |         |         |     |       | -200                  |
|                         | _        |       |        |         | ¢ı      | ARS     |         |         |         |         |     | HOURS | (L.S.T.)              |
|                         |          |       |        |         |         | DITION  |         |         |         |         |     |       |                       |
|                         |          |       |        |         |         | DI IVA  |         |         |         |         |     |       |                       |
|                         | -        |       |        |         |         |         |         |         |         |         |     |       |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
| N                       |          |       |        |         | . 1     |         |         |         |         |         |     | •1    | 20.                   |
| NNE                     |          |       | . 2    | .1      |         |         |         |         |         |         |     | . 3   | 9.                    |
| NE                      |          | , 2   | 2,3    | 3.5     | 2,3     | . 3     |         |         |         |         |     | 8,5   | 13.                   |
| ENE                     |          | • 1   | 4,4    | 20.3    | 13.4    | 1.9     | . 3     | . 1     |         |         |     | 40.4  | 13,                   |
| E                       | 1        | • 1   | 6,8    | 28,6    | 7.6     |         |         |         |         |         |     | 43.6  | 13.                   |
| ESE                     |          | .1    | 1.0    | 3,9     | . 4     | • 1     |         |         |         |         |     | 5.5   | 13.                   |
| SE                      |          | .1    | . 4    |         | . 1     | . 2     |         |         |         |         |     | 1.1   | 13.                   |
| SSE                     |          | . 1   |        | 1       | . 1     |         |         |         |         |         |     | , 2   | 13.                   |
| S                       |          |       |        | . 1     |         |         |         |         |         | ]       |     | . 1   | 12,                   |
| 55W                     |          |       | . 1    |         |         |         |         |         |         |         |     | . 1   | 7.                    |
| sw                      |          |       |        |         |         |         |         |         |         |         |     |       |                       |
| wsw                     |          |       |        |         |         |         |         |         |         |         |     |       |                       |
| w                       |          |       |        |         |         |         |         |         |         |         |     |       |                       |
| WNW                     |          |       |        |         |         |         |         |         |         |         |     |       |                       |
| HW_                     | <b></b>  |       |        |         |         |         |         |         |         |         |     |       |                       |
| NNW                     | <b>!</b> |       |        |         |         |         |         |         |         |         |     |       |                       |
| VARBL                   | L        |       |        |         |         |         |         |         |         |         |     |       |                       |
| CALM                    |          |       |        |         |         |         |         | $\sim$  | $\sim$  |         |     | . 3   |                       |

DATA PROCESSING BRANCH ETAC/USAF AIR DEATHER SERVICE/MAC

21603 JUHNSTON ISLAND/PACIFIC IS 45-71

2

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|                         | _     | ALL WEATHER  CLASS |        |               |               |               |               |               |         |         |     | 2100 | (L.S.T.)              |
|-------------------------|-------|--------------------|--------|---------------|---------------|---------------|---------------|---------------|---------|---------|-----|------|-----------------------|
|                         | _     |                    |        |               | сон           | DITION        |               |               |         |         |     |      |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6              | 7 - 10 | 11 - 16       | 17 - 21       | 22 - 27       | 28 - 33       | 34 - 40       | 41 - 47 | 48 - 55 | ≥56 | %    | MEAN<br>WIND<br>SPEED |
| N                       |       |                    |        | .1            | .1            |               |               |               |         |         |     | . 1  | 14.                   |
| NNE                     |       |                    |        | .2            |               |               |               |               |         |         |     | . 3  | 11.5                  |
| NE                      |       | . 1                | 1.3    | 3.5           | 1.9           |               | .1            |               |         |         |     | 6.8  | 14.1                  |
| ENE                     |       | 1                  | 4.8    | 19.9          | 11,3          | 2.1           | , 2           |               |         |         |     | 38,5 | 15.3                  |
| E                       |       | _ • 4              | 5.9    | 31.8          | 6,9           | 1.0           | • 1           |               |         |         |     | 46.1 | 13,9                  |
| ESE                     |       | 1                  | 1.0    | 4.5           | 1.0           | _ 2           |               |               |         |         |     | 6,6  | 13.7                  |
| SE                      |       |                    | . 3    | . 3           | . 1           | . 3           |               |               |         |         |     | 1.0  | 15,6                  |
| \$SE                    |       |                    | 1      |               | 1             |               |               |               |         |         |     | , 2  | 14,5                  |
| 5                       | .1    |                    |        |               |               |               |               |               |         |         |     | - 1  | 3,0                   |
| ssw                     |       |                    |        |               |               |               |               |               |         |         |     |      |                       |
| sw                      |       |                    |        |               |               |               |               |               |         |         |     |      |                       |
| wsw                     |       |                    |        |               |               |               |               |               |         |         |     |      |                       |
| w                       |       |                    |        |               |               |               |               |               |         |         |     | . 1  | 5,0                   |
| WNW                     |       |                    |        |               |               |               |               |               |         |         | i   |      |                       |
| NW                      | [     |                    |        |               |               |               |               |               |         |         |     |      |                       |
| NNW                     |       |                    |        |               |               |               |               |               |         |         |     |      |                       |
| VARBL                   |       |                    |        |               |               | L             |               |               |         |         |     |      |                       |
|                         |       | $\overline{}$      | \      | $\overline{}$ | $\overline{}$ | $\overline{}$ | $\overline{}$ | $\overline{}$ | $\sim$  |         | _   | 3    |                       |

TOTAL NUMBER OF OBSERVATIONS

1820

DATA PROCESSING BRANCH FTAC/USAF AIR REATHER SEFVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21503 | JUHN                    | STILN | ISLAND/ |        | <u>C 15</u> |         | 45       | -71          | <del></del> , | YEARS   | <u> </u>    | <del></del> |     |                       |
|-------|-------------------------|-------|---------|--------|-------------|---------|----------|--------------|---------------|---------|-------------|-------------|-----|-----------------------|
|       |                         |       |         |        |             |         | EATHER   | . <u>.</u> . |               |         | <del></del> |             |     | )=0200<br>(L.S.T.)    |
|       |                         |       |         |        |             | co      | NDITION  |              |               |         | <del></del> |             |     |                       |
|       | SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6     | 7 - 10 | 11 - 16     | 17 - 21 | 22 - 27  | 28 - 33      | 34 - 40       | 41 - 47 | 48 - 55     | ≥56         | %   | MEAN<br>WIND<br>SPEED |
|       | N                       |       |         | .2     |             |         | <u> </u> |              |               |         |             |             | . 4 | 6,5                   |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3      | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21     | 22 - 27  | 28 - 33 | 34 - 40 | 41 - 47      | 48 - 55  | ≥56 | %                                     | MEAN<br>WIND<br>SPEED |
|-------------------------|------------|-------|--------|---------|-------------|----------|---------|---------|--------------|--|-----|---------------------------------------|-----------------------|
| N                       |            | .2    | .2     |         |             |          |         |         |              |  |     | . 4                                   | 6,5                   |
| NNE                     | .1         | .1    |        | . 1     | .1          | ļ        |         |         |              |  |     | . 4                                   |                       |
| NE                      |            | . 2   | 1.9    | 3.5     | 1.2         | .1       |         |         |              |  |     | 6.8                                   | 13,0                  |
| ENE                     | - 1        | . 5   |        |         | 9.8         | 2.2      | .1      |         |              |  |     | 35.4                                  | 14.8                  |
| E                       | .1         | 1.1   | 12.2   |         | 5.8         |          |         |         |              |  |     | 45.9                                  | 12.8                  |
| ESE                     |            | .4    |        |         | 1.1         |          |         |         |              | ]  |     | 7,2                                   | 12.2                  |
| SE                      |            | .2    |        | .6      |             |          |         |         |              |  |     | 1.9                                   | 11.8                  |
| SSE                     |            | . 2   | . 2    |         | <b>E.</b> , |          |         | •       |              |  |     | . 4                                   | 7,7                   |
| S                       | -1         | .1    | .1     |         |             |          |         |         |              |  |     | . 2                                   | 6, 9                  |
| ssw                     |            | . 4   | .1     | .1      |             |          |         |         |              |  |     | .6                                    | 7.1                   |
| sw                      |            | .1    |        |         | .1          |          |         |         |              |  |     | . 2                                   | 9,3                   |
| wsw                     |            |       |        |         |             |          |         |         |              |  |     |                                       |                       |
| w                       |            |       |        | .1      |             | ·        |         |         |              |  |     | . 1                                   | 13.0                  |
| WNW                     |            |       |        |         |             |          |         |         |              |  |     | -                                     |                       |
| NW                      | <b>†</b>   |       |        |         |             |          |         |         |              |  |     |                                       |                       |
| NNW                     |            |       |        |         | _           |          |         |         |              |  |     |                                       |                       |
| VARBL                   |            |       |        |         |             | <u> </u> |         |         | <del> </del> | <del>                                     </del> |     | · · · · · · · · · · · · · · · · · · · |                       |
| CALM                    | $\searrow$ | > <   | > <    | ><      | > <         | > <      | > <     | > <     | $\geq$       | $\geq <$   | >>  | .6                                    |                       |
|                         | . 4        | 3.5   | 23.5   | 50.7    | 18.1        | 3.2      | .2      |         |              |  |     | 100.0                                 | 13,3                  |

TOTAL NUMBER OF OBSERVATIONS 1710

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH ETAC/USAF AIR REATHER SERVICE/MAC

2

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JOHNSTON ISLAND/PACIFIC IS | 45=71 YEARS | SEP MONTH      |
|---------|----------------------------|-------------|----------------|
| STATION | STATION NAME               | 714.09      | BORTE          |
|         | ALL                        | WEATHER     | 0300-0500      |
|         |                            | CLASS       | HOURS (L.S.T.) |
|         |                            |             |                |
|         |                            |             |                |
|         |                            | COMBITION   |                |
|         |                            |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40   | 41 - 47  | 48 - 55 | ≥56    | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|-----------|----------|---------|--------|-------|-----------------------|
| N                       |       |       |        |         |         |         |         |           |          |         |        |       |                       |
| NNE                     |       | , 2   | - 1    | 5.2     |         |         |         |           |          |         |        | . 5   | 8,                    |
| NE                      |       | . 3   | 2.6    | 3,2     |         | • 1     |         | l         | L        |         |        | 7,3   | 12                    |
| ENE                     | . 2   | 1.0   | 6.7    | 16.3    | 9.8     | 2.7     | • 1     |           |          |         |        | 36.8  | 14                    |
| E                       | . 1   | 1.5   | 11.7   | 24.7    | 6.3     | .6      |         |           |          |         | T      | 44.9  | 12                    |
| ESE                     |       | . 8   | 2.1    | 3.7     | .6      |         |         | T         | ]        | ]       |        | 7.1   | $\overline{11}$       |
| SE                      |       | . 2   | . 8    | . 3     | • 1     |         |         |           |          |         | , ,    | 1.3   | 9                     |
| SSE                     |       | . 1   | • 1    | .1      |         |         |         |           |          |         |        | . 3   | 7                     |
| 5                       | . 1   |       | .1     | • 1     |         |         |         |           |          |         |        | • 5   | 8                     |
| SSW                     |       | . 2   | .1     | .1      |         |         |         |           |          |         |        | .4    | 7                     |
| SW                      |       | . 1   | .1     |         |         |         |         |           |          |         |        | . 2   | 6                     |
| wsw                     | . 1   | .1    |        |         |         | • 1     |         |           |          |         |        | . 2   | 8                     |
| w                       |       |       |        | .1      |         |         |         | T         |          |         |        | .1    | 13                    |
| WNW                     | . 1   | . 1   |        |         |         |         |         |           |          |         |        | .1    | 3                     |
| NW                      | .1    |       | .1     |         |         |         |         |           | <u> </u> |         |        | .1    | - 3                   |
| NNW                     |       |       |        |         |         |         |         | 1         |          |         |        |       |                       |
| VARBL                   |       |       |        |         |         |         |         |           |          |         |        |       |                       |
| CALM                    | ><    | > <   | > <    | > <     | > <     | >       | > <     |           | > <      | > <     | $\sim$ | • 3   |                       |
|                         | . 6   | 4.5   | 24.4   | 48.7    | 17.9    | 3,5     | .1      | · · · · · |          |         |        | 100.0 | 13                    |

TOTAL NUMBER OF OBSERVATIONS

1707

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING HRANCH ETAC/USAF AIR "EATHER DERVICE/MAC

2

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 0080 |
|------|
| (T.) |
|      |
|      |
| כ    |

|                         |             | 3.0         | 23.2         | 49.2        | 20.0        | 3.6            | 2              |               | 1              |              |                | 100.0     | 13                 |
|-------------------------|-------------|-------------|--------------|-------------|-------------|----------------|----------------|---------------|----------------|--------------|----------------|-----------|--------------------|
| CALM                    | $\geq \leq$ | $\geq \leq$ | >>           | $\geq \leq$ | $\geq \leq$ | $\geq \leq$    | $\geq \leq$    | $\geq \leq$   | $\geq \leq$    |              | $\geq \leq$    | • 2       |                    |
| VARBL                   |             |             |              |             |             | <b>_</b>       |                | Ļ             | <u> </u>       |              |                | <u> </u>  |                    |
| NNW                     |             |             |              |             |             |                |                | L             | L              | L            |                | ļ         |                    |
| NW                      |             |             | <del>-</del> |             |             | ļi             |                |               |                | <b>}</b> -   | <u> </u>       | ļ — — — i |                    |
| WNW                     |             |             |              |             |             |                |                | ļ             | ├              | ļ            |                | • 1       |                    |
| w                       | <del></del> |             |              |             |             | <del>   </del> |                | ļ             |                | <del> </del> | <del></del>    | 9.4       | 6                  |
| wsw                     |             |             | 1            | <del></del> |             |                |                |               | <del> </del>   | <del> </del> |                |           | 4                  |
| SW                      |             |             |              |             |             | <del> </del>   |                | <del></del> - | <del></del>    | <del></del>  |                |           |                    |
| ssw                     |             | •           |              |             |             |                |                |               | <del> </del>   |              | <del> </del> - |           |                    |
| <del></del> #           |             | 2           | . 2          |             |             | <del> </del>   |                | <u> </u>      | <del> </del>   | <b></b>      |                | .5        |                    |
| 5                       |             |             | 6            | - 1         |             | <del> </del>   |                | <del> </del>  | <del> </del> - |              |                | .3        |                    |
| SSE                     |             | - 1         | . 2          |             | . 1         |                |                | <del> </del>  |                |              |                | 3.4       | 7                  |
| SE                      |             |             | - 61 Y       | .5          |             | - 1            |                |               |                |              |                | 1.5       | 9                  |
| ESE                     |             |             | 2.0          |             | .5          |                |                | <u> </u>      |                |              | ·              | 6.3       | 11                 |
| E                       |             | . 8         | 10.9         |             | 6,2         | .6             | <del>.</del> i |               |                |              |                | 44.0      |                    |
| ENE                     |             | . 8         | 5.7          | 16.9        | 11.3        | 2.8            | .1             | .1            |                |              |                | 37.8      | 19                 |
| NE                      |             | . 2         | 2.8          | 3.0         |             |                |                |               |                |              |                | 7.8       | 12                 |
| NNE                     |             |             |              |             | •1          |                |                |               |                |              |                | 8         | 9                  |
| N                       |             |             |              |             |             |                |                |               |                |              |                | .1        | 4                  |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4-6         | 7 - 10       | 11 - 16     | 17 - 21     | 22 - 27        | 28 - 33        | 34 - 40       | 41 - 47        | 48 - 55      | ≥56            | %         | MEA<br>WIN<br>SPEE |

TOTAL NUMBER OF OBSERVATIONS

1708

MATA PROCESSING MRANCH FTAC/USA) AIR MEAT ER MERVICE/MAC

2

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JUHNSTAN ISLANU/PACIFIC IS | 45-71     | SEP            |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 0900-1100      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         | <u> </u>                   |           |                |
|         |                            | COMDITION |                |
|         | <u> </u>                   |           |                |
|         |                            |           |                |

| NNE<br>NE<br>ENE |            | 1 . 2<br>. 3 | 1.8      |      | 1,5        | .1 | •1 |              |  | 6.8<br>36.7 | 10.    |
|------------------|------------|--------------|----------|------|------------|----|----|--------------|--|-------------|--------|
| E<br>ESE         | , 1        | . 5          | 9.1      | 27.3 | 6,4        | .6 |    |              |  | 44.0        | 13     |
| SE               | , 2        | . 4          | 2.9      | .6   | , 2        |    |    |              |  | 7.5         | 10.    |
| SSE<br>S         | , 2<br>. 1 | . 2          | - 13     | . 1  | - <u>1</u> |    |    |              |  | • 5         | 7      |
| ssw<br>sw        | 1          | • 1          | •1       | •1   |            |    |    |              |  | .3          | 8<br>6 |
| wsw              |            | • •          |          |      |            |    |    |              |  |             |        |
| WHW WHW          |            |              |          | .1   |            |    |    |              |  | . 1         | 11     |
| NW<br>WHW        |            |              |          |      |            |    |    | <br><u> </u> |  |             |        |
| VARBL            |            |              | <u> </u> |      |            |    |    |              |  |             |        |

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROCESSING BRANCH FTAC/USAF AIR VEATIER SERVICE/MAC

2

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216()3  | JEHNSTON ISLAND/PACIFIC IS | 45=71 YEARS | SF P           |
|---------|----------------------------|-------------|----------------|
| 2121104 | STATION BANK               | TLANS       | MONTH          |
|         | ALL                        | . WEATHER   | 1200-1400      |
|         |                            | CLASS       | HOURS (L.S.T.) |
|         |                            |             |                |
|         |                            |             |                |
|         |                            | CONDITION   |                |
|         |                            |             |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3       | 4 - 6       | 7 - 10   | 11 - 16 | 17 - 21     | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47  | 48 - 55     | ≥56        | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------------|-------------|----------|---------|-------------|----------|-------------|-------------|----------|-------------|------------|-------|-----------------------|
| N                       |             |             |          |         |             |          |             |             |          |             |            | . 1   | 2.0                   |
| NNE                     |             |             | . 3      | . 4     | - 41        | • 1      |             |             |          |             |            | .7    | 13.5                  |
| NE                      |             | 2           | 2.3      | 4.5     | l.l         |          |             |             |          |             |            | н.2   | 12,9                  |
| ENE                     |             | 5           | 5,3      | 16.4    |             | 3,1      | . 2         |             |          |             |            | 35.6  | 13.                   |
| E                       | - 1         | . 6         | 7.7      | 28.9    | 5,7         | . 2      | , 1         |             |          |             |            | 43.3  | 13.                   |
| ESE                     |             | . 7         | 2.3      | 4.2     |             |          |             |             |          | L           |            | 7,7   | 11,0                  |
| SE                      | 1           | . 4         | . 8      | 6       |             |          | . 1         |             |          |             |            | 1.9   | 9,0                   |
| SSE                     |             | 1           | 1        | . 2     |             |          |             |             |          |             |            | . 4   | 10.                   |
| S                       |             | 1           |          | - 1     | 1           |          |             |             | L        |             |            | . 6   | 10.0                  |
| SSW                     |             | 2           | 1        |         |             |          |             |             |          | L           | <b></b> _i | . 3   | 6,4                   |
| sw                      | 1           | 2           | 1        |         |             |          |             |             | <u> </u> |             |            | . 4   | 6,                    |
| wsw                     |             | 2           |          | 1       |             |          |             |             |          |             | L          | . 3   | 10.                   |
| w                       | ļ           | 1           | 1        | 1       |             |          |             | L           |          | <u> </u>    |            | . 2   | 10.                   |
| WNW                     | <b></b>     |             |          |         |             |          |             |             |          | <u> </u>    |            | L     |                       |
| NW                      |             |             |          | 1       |             |          |             |             |          |             | <u> </u>   | . 2   | 9.0                   |
| NNW                     |             |             | 1        |         |             |          |             |             |          |             | ļ          | . 1   | 10.0                  |
| VARBL                   |             |             |          |         |             |          |             |             | L        | L           |            |       |                       |
| CALM                    | $\geq \leq$ | $\geq \leq$ | $\times$ | X       | $\geq \leq$ | $\times$ | $\geq \leq$ | $\geq \leq$ | ><       | $\geq \leq$ | ><         | . 1   |                       |
|                         | 4           | 3.3         | 19.4     | 55.4    | 17.4        | 3.6      | . 4         |             |          |             |            | 100.0 | 13,                   |

TOTAL NUMBER OF OBSERVATIONS 1709

DATA PROCESSING BRANCH ETACIUSAR AIR GEATGER GERVICEN AC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21003   | JOHNSTON ISLAND/PACIFIC IS 45-71 | SEP            |
|---------|----------------------------------|----------------|
| STATION | STATION NAME YEARS               | MONTH          |
|         | ALL WEATHER                      | 1500-1700      |
|         | CLASS                            | HOURS (L.S.T.) |
|         |                                  |                |
|         | CONDITION                        |                |
|         |                                  |                |
|         |                                  |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16     | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47     | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|-------------|---------|---------|---------|---------|-------------|---------|-----|-------|-----------------------|
| N                       | . 1   | • 1   | •1     |             |         |         |         | 1       |             |         |     | . ?   | 6                     |
| NNE                     |       | 1     | . 4    | •           |         |         |         |         |             |         |     | . 5   | 9                     |
| NE                      |       | . 3   | 3.1    | 4.1         | 1,6     |         |         |         |             |         |     | 9.1   | 12                    |
| ENE                     |       | ,6    | 5.3    | 17.4        | 10.4    | 2.9     |         |         | 1           |         |     | 36.7  | 15                    |
| E                       | . 1   | .9    | 9.5    | 26.0        | 5.4     | .6      |         |         |             |         |     | 42,4  | 13                    |
| ESE                     | . 2   | . 5   |        |             | . 4     | .2      |         |         |             |         |     | 7.1   |                       |
| SE                      |       | . 2   | .4     | . 3         |         |         |         |         |             |         |     | . 9   | 9                     |
| SSE                     | 1     | . 2   | .4     | .2          |         |         |         |         |             |         |     | , 8   |                       |
| S                       |       | • 1   | .1     | . 3         |         |         |         |         |             |         |     | . 5   | 10                    |
| ssw                     |       | . 2   |        | .1          |         |         |         |         |             |         |     | . 3   |                       |
| sw                      |       | . 1   | . 1    |             |         |         |         |         |             |         |     | . 2   | . 8                   |
| wsw                     |       |       | . 1    |             |         |         |         |         |             |         |     | . 1   |                       |
| w                       |       | • 1   | .1     |             |         |         |         |         |             |         |     | . 1   | 1                     |
| WNW                     |       |       |        |             |         |         |         |         |             |         |     |       |                       |
| NW                      |       |       |        | . 1         |         |         |         |         |             |         |     | . 1   | 14                    |
| NNW                     |       |       |        | .1          |         |         |         |         |             |         |     | . 1   | 12                    |
| VARBL                   |       |       |        |             |         |         |         |         |             |         |     |       |                       |
| CALM                    | ><    | > <   | ><     | $\supset <$ | > <     | > <     | > <     |         | $\supset <$ | ><      |     | . 6   |                       |
|                         | . 3   | 3.2   | 22.5   | 51.7        | 17.8    | 3,7     |         |         |             |         |     | 100.0 | 13                    |

TOTAL NUMBER OF OBSERVATIONS

1708

DATA PROCESSING BRANCH FTAC/USAF AIR FEATHER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JUHNST IN ISLAND/PACIFIC IS | 45-71    | SEP            |
|---------|-----------------------------|----------|----------------|
| STATION | STATION NAME                | YEARS    | MONTH          |
|         | ALL                         | WEATHER  | 1600-2000      |
|         |                             | CLASS    | HOURS (L.S.T.) |
|         |                             |          |                |
|         |                             | ONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6       | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27  | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55  | ≥56        | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|----------|-------------|--------|----------|---------|----------|-------------|-------------|-------------|----------|------------|-------|-----------------------|
| N                       | . 1      | . 1         | .1     |          |         |          |             |             |             |          |            | . 2   | 4.7                   |
| NNE                     |          | .1          | . 2    | . 1      |         |          |             |             |             |          |            | . \   | 9,6                   |
| NE                      |          |             | 2.3    | 4.0      | 1.3     | • 1      |             |             |             | L        |            | 8.7   | 13.0                  |
| ENE                     | . 1      | . 7         | 6,2    |          | 11.3    | 3,4      |             |             |             |          |            | 39.5  | 15.0                  |
| Ε                       |          | 1.6         |        |          | 6,6     | . 5      |             |             |             |          |            | 42.5  | 13.1                  |
| ESE                     | . 1      | . 2         |        |          | , 5     |          |             |             |             | <u> </u> | ļ. <u></u> | 6.0   | 11,7                  |
| SE                      | . 1      | 2           | 5      | .5       |         |          |             |             |             |          |            | 1,3   | 10,1                  |
| SSE                     |          | 2           | 1      | . 2      | 1       |          |             | L           |             | <u> </u> |            | . 5   | 9,0                   |
| 5                       | . 1      | 1           | 1      | 1        |         |          |             |             |             |          |            | , 3   | 8.2                   |
| SSW                     |          |             | . 4    |          |         |          |             |             | ļ           |          |            | 94    | 7,8                   |
| sw                      |          | 2           |        |          |         |          |             |             |             |          |            | , 2   | 6,3                   |
| wsw                     | <b>!</b> |             | 1      |          |         |          | _           | ļ           |             |          |            | , 2   | 6.7                   |
| w                       | ļ        | - 1         |        |          |         |          |             |             |             |          |            | , 1   | 6,0                   |
| WNW                     | <b> </b> |             | 1      |          |         |          |             |             |             |          |            | • 1   | 9.0                   |
| NW                      | ļi       |             |        |          |         |          |             |             |             |          |            | - 1   | 6,0                   |
| NNW                     | ļ        |             |        |          |         |          |             | ļ <u> </u>  | <b> </b>    |          |            |       |                       |
| VARBL                   |          |             |        | ļ        |         |          |             |             | Ļ           | Ļ        |            | l     |                       |
| CALM                    | $\times$ | $\geq \leq$ | $\leq$ | $\times$ | > <     | $\times$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | > <      | ><         | . 3   |                       |
|                         | _ 4      | 3.9         | 20.8   | 50.6     | 19.8    | 4.0      |             |             |             |          |            | 100.0 | 13,5                  |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL-1) previous editions of this form are obsolete

DATA PROLESSEM - KATOM ETAC /USA) AIR EAT EN PROTOFY AC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216     | JOHNST N ISLAHO/PACIFIC IS | 45=71     | 2 t b          |
|---------|----------------------------|-----------|----------------|
| STATION | STATION MANE               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 2100=2300      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |
|         |                            |           |                |
|         |                            |           |                |

|                         | . 5 | 4.0      | 21.4   | 49.1     | 20.9        | 3,9        |          |  | i  |             |          | 100.0 | 13.                |
|-------------------------|-----|----------|--------|----------|-------------|------------|----------|--|--|-------------|----------|-------|--------------------|
| CALM                    | ><  | $\times$ | ><     | $\times$ | $\geq \leq$ | $\searrow$ | $\times$ | $\geq \leq$                                      | $\geq \leq$                                      | $\geq \leq$ | $\times$ | . 4   |                    |
| VARBL                   |     |          |        |          |             |            |          |  |  |             |          |       |                    |
| NNW                     |     |          |        |          |             |            |          |  |  |             |          | 1     | - 11               |
| NW                      |     |          |        |          |             |            |          |  |  |             |          | . 1   | 10                 |
| WNW                     |     |          |        |          |             |            |          |  |  |             |          |       |                    |
| w                       |     | • 1      |        |          |             |            |          |  |  |             |          | .1    | 6                  |
| wsw                     |     | • 1      |        | . 1      |             |            |          |  |  |             |          | . 1   | 8                  |
| sw                      |     | . 1      |        | • 1      |             |            |          | 1  |  | 1           |          | , 1   | 9                  |
| 55W                     | . 1 | , 4      | . 1    |          |             |            |          |  |  |             |          | . 6   | - 5                |
| 5                       |     | . 2      |        |          | . 1         |            |          |  |  |             |          | . 4   | 6                  |
| SSE                     |     | . 2      |        |          |             |            |          |  |  |             |          | .2    | 5                  |
| SE                      |     | .2       |        |          |             |            |          |  | 1  |             |          | 1.4   | 10                 |
| ESE                     | . 1 | . 5      | 2.6    |          |             |            |          |  |  |             |          | 7.3   | 11                 |
| E                       | - 2 | . 7      | 9.6    |          |             |            |          |  |  |             |          | 44.4  | 13                 |
| ENE                     | . 1 | 1.0      |        | 15.6     |             |            |          | <b> </b>   |  | <del></del> |          | 37.7  | 13                 |
| NE                      |     | . 3      | 1.6    | 3,3      | 1.2         |            |          | <del>                                     </del> | <del>                                     </del> |             |          | 6.4   | 13                 |
| NNE                     |     | 1        | . 4    | . 1      | . 1         |            |          | ļ ———  | <del></del>                                      | i           |          | . (   |                    |
| N                       |     | • 1      | . 1    |          |             |            |          | <del> </del>                                     | <del> </del>                                     |             |          | . 2   |                    |
| SPEED<br>(KNTS)<br>DIR. | 1.3 | 4-6      | 7 - 10 | 11 - 16  | 17 - 21     | 22 - 27    | 28 - 33  | 34 - 40  | 41 - 47  | 48 - 55     | ≥56      | %     | MEA<br>WIN<br>SPEE |

TOTAL NUMBER OF OBSERVATIONS 1710

DATA PROFESSING PRANCH STACYUSAN AN SE VICEY SE

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216 /   | JUHNSTHE ISLAND/PACIFIC IS | 45-71     | ( T            |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | <br>MONTH      |
|         | ALL                        | WEATHER   | 0000-0200      |
|         | <del></del>                | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |
|         |                            |           |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47     | 48 - 55  | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------------|--|-----|-------|-----------------------|
| N                       |       | • 1   | . 3    | • 1     |         |         |         |         |             | <del>                                     </del> |     | . 5   | 8.                    |
| NNE                     |       |       | . 2    | . 3     | . 1     |         |         |         |             | <del></del>                                      |     | .6    | 11.                   |
| NE                      |       | 1.5   | 1.8    | 3.4     |         | • 2     |         |         |             |  |     | 7,6   | 13,                   |
| ENE                     | 1     | . 8   | 6.3    | 14.8    | 11.2    | 2.3     | • 1     |         |             |  |     | 35.4  | 14.                   |
| E                       |       | 1.0   | 7.9    | 22.7    |         | 1.9     |         |         |             |  |     | 42.3  | 14.                   |
| ESE                     | . 1   | .1    | 1.8    | 4.4     |         | . 5     | .1      |         |             |  |     | 8.3   | 13,                   |
| SE                      | •     | . 1   | .7     | 1.0     | . 3     |         |         |         |             |  |     | 2.1   | 11.                   |
| SSE                     | . 1   | . 5   | . 5    | . 2     |         |         |         |         |             | ·  |     | 1.1   | 7,                    |
| S                       |       |       | . 2    | , 3     | .2      |         |         |         |             | 1  |     | .7    | 13.                   |
| ssw                     | . 1   | . 1   | . 2    | . 1     |         |         |         |         |             |  |     | . 3   | 7,                    |
| sw                      |       |       |        | . 2     | .1      | • 1     |         |         |             |  |     | . 3   | 16,                   |
| wsw                     |       | . 1   | .1     |         |         |         |         |         |             |  |     | 1.    | 7                     |
| w                       | i — † |       | .1     | . 1     |         |         |         |         |             | T -  |     | . 2   | 10,                   |
| WNW                     |       |       |        |         |         |         |         |         |             |  |     | 1     | _                     |
| NW                      |       |       |        |         |         |         |         |         | -           |  |     |       | -                     |
| NNW                     |       |       | . 1    |         |         |         |         |         |             |  |     | - 1   | 9,                    |
| VARBL                   |       |       |        |         |         |         |         |         |             |  |     |       |                       |
| CALM                    |       | > <   | > <    | > <     | > <     | > <     | > <     |         | $\supset <$ |  | >   | . 5   |                       |
|                         | . 2   | 3.1   | 20.0   | 47.0    | 23.7    | 4.9     | .1      |         |             | T  |     | 100.0 | 14                    |

TOTAL NUMBER OF OBSERVATIONS 1765

MATA PROCESSING SHANCH PTAC/USAF AIR FEATTER SERVICE/MAC

2

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

|    | 4000                    | ST N I | SLAND/I | PACIFI  | CIS     |         | 45      | <u>-71</u> |         | reans   |               |     |      | CT                    |
|----|-------------------------|--------|---------|---------|---------|---------|---------|------------|---------|---------|---------------|-----|------|-----------------------|
|    |                         |        |         | <u></u> |         | ALL W   | EATHER  |            |         |         | _             |     | 0300 | (L.S.Y.)              |
|    |                         |        |         |         |         | CON     | DITION  |            |         |         | - <del></del> |     |      |                       |
|    | SPEED<br>(KNTS)<br>DIR. | 1 - 3  | 4 - 6   | 7 - 10  | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33    | 34 - 40 | 41 - 47 | 48 - 55       | ≥56 | %    | MEAN<br>WIND<br>SPEED |
|    | N                       |        | . 2     | . 3     | .2      |         |         |            |         |         |               |     | .7   | 8.7                   |
|    | NNE                     |        | . 1     | . 5     | .3      | . 1     |         |            |         |         | 1             |     | . 7  | 11,3<br>14,0<br>14,5  |
|    | NE                      |        | . 1     | 1.9     | 3.2     | 2.6     | . 2     |            |         |         |               |     | 5.1  | 14.0                  |
|    | ENE                     |        | . 8     | 7.4     | 16,4    | 10.6    | 1.9     |            |         |         |               |     | 37.1 | 14.5                  |
|    | E                       | . 1    | . 4     | 7.1     | 21.6    | 7.2     |         | . 1        |         |         |               |     | 37.9 | 13.9                  |
|    | ESE                     | . 1    | . 3     | 1.9     |         |         | . 4     |            |         |         |               |     | 9,5  | 13,7                  |
|    | SE                      | . 1    | . 3     | . 8     | . 7     | . 2     | . 1     |            |         |         |               |     | 2.3  | 10.8                  |
|    | SSE                     |        | . 3     | .2      | . 2     | 1       | . 1     |            |         |         |               |     | _ ,7 | 10.2                  |
|    | S                       |        | . 3     | 2       | . 5     |         | 1       |            |         |         |               |     | 1,1  | 10,6                  |
| L  | ssw                     |        | 1       | 1       | 1       | 1       |         |            |         |         |               |     | . 3  | 11,5                  |
|    | sw                      |        |         | 1       | 2       |         |         |            |         |         |               |     | . 2  | 12,5                  |
| L  | wsw                     |        | 1       |         | 1       |         |         |            |         |         |               |     | 2    | 8.0                   |
|    | w                       |        |         | 2       |         |         |         |            |         |         |               |     | , 2  | 7,7                   |
| L_ | WNW                     |        |         |         |         |         |         |            |         |         |               |     |      |                       |
| L  | NW                      |        |         |         |         |         |         |            |         |         |               |     |      |                       |
| L  | NNW                     |        |         | 1       | 1       |         |         |            |         |         |               |     |      | 11,3                  |
| _  | VARBL                   |        |         |         |         |         |         |            |         |         |               |     |      |                       |
|    |                         | _      | _       | _       | _       | _       | _       | _          | _       | _       |               |     |      |                       |

TOTAL NUMBER OF OBSERVATIONS 1767

100.0

DATA PRELESSING BRANCH FIAC/USAS AIR REATHER SERVICE/MAC

2

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u> </u>        | NSTIN IS | <u>SLANC/</u> | PACIFI'      | <u>C_15</u> |             | 45      | <u>-71</u>  |         |             |         |     |      | CT           |
|-----------------|----------|---------------|--------------|-------------|-------------|---------|-------------|---------|-------------|---------|-----|------|--------------|
|                 |          | STATION       | HAMR         |             |             |         |             |         | YEARS       |         |     |      | HORTH        |
|                 | _        |               |              |             |             | LATHER  |             |         |             |         |     |      | 0-0800       |
|                 |          |               |              |             | ει.         | LASS    |             |         |             |         |     | HOUR | S (L.S.T.)   |
|                 | _        |               |              |             | CON         | DITION  |             |         |             |         |     |      |              |
|                 | _        |               |              |             |             |         |             |         |             |         |     |      |              |
|                 |          |               |              |             |             |         |             |         |             |         |     |      |              |
| SPEED<br>(KNTS) | 1 - 3    | 4 - 6         | 7 - 10       | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33     | 34 - 40 | 41 - 47     | 48 - 55 | ≥56 | %    | MEAN<br>WIND |
| DIR.            | <u> </u> |               |              |             |             |         | L           |         |             | L       |     |      | SPEED        |
| N               |          | • 1           | • 2          |             |             |         |             |         |             |         |     | . 3  |              |
| NNE             |          | - 1           | . 6          | . 6         |             |         | L           |         |             |         |     | 1,2  |              |
| NE              |          |               | 2.2          | 3.9         |             | . 2     |             |         |             |         |     | 8,7  | 13.9         |
| ENE             |          | . 9           | 6,1          | 16.6        | 11.1        |         | • 1         |         |             |         |     | 36.8 | 14.7         |
| E               | . 2      | . 8           | 7,4          | 22,9        | 6,9         |         |             |         |             |         |     | 40.0 | 13.8         |
| ESE             |          | . 1           | 1.9          | 3,9         | 1,3         | , 3     |             |         |             |         |     | 7.4  |              |
| SE              | .21      |               | . 9          |             | . 2         | • 1     |             | l       |             |         |     | 1.9  | 10.5         |
| 55E             | . 1      | .2            | . 3          | .2          |             |         |             |         |             |         |     | , R  | 8.9          |
| S               | 1        | . 1           | . 2          |             | . 1         |         |             |         |             |         |     | 1.0  | 12.1         |
| ssw             | . 1      |               | .1           | . 2         | . 1         | • 1     |             |         |             |         |     | . 5  | 12.4         |
| SW              |          |               | . 1          | . 1         |             |         |             |         |             |         |     | . 3  | 6,7          |
| wsw             |          |               |              | ٤.          |             |         |             |         |             |         |     | . 2  |              |
| w               |          |               | . 1          |             |             |         |             |         |             |         |     | . 1  | 8.0          |
| WNW             |          |               | . 1          |             |             |         |             |         |             |         |     | . 1  | 8.0          |
| NW              |          |               | . 1          |             |             |         |             |         |             |         |     | -1   |              |
| NNW             | #        |               |              |             |             |         |             |         |             |         |     |      |              |
| VARBL           | I I      |               |              |             |             |         |             |         |             |         |     |      |              |
| CALM            |          | $\geq \leq$   | $\geq \leq$  | ><          | $\geq \leq$ | ><      | $\geq \leq$ | $\geq$  | $\geq \leq$ |         |     | . 7  |              |
|                 |          |               | <b>A</b> (1) | 4           |             | 4       |             |         |             |         |     | 100  | 1 2 (        |

TOTAL NUMBER OF OBSERVATIONS

1762

SATA PROCESSING BRANCH STACYUSAF 41R FEATHER SERVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JUHNSTON ISLAND/PACIFIC IS | 45-71     | : CT           |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | BONTH          |
|         | ALL                        | WEATHER   | 0900-1100      |
|         |                            | CLASS     | HOURS (L.S.Y.) |
|         | _                          |           |                |
|         |                            | CONDITION |                |
|         |                            |           |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47     | 48 - 55 | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|-------------|---------|-----|-------|-----------------------|
| N                       |       | 1     | . 2    | . 1     |         |         |         |         |             |         |     | . 3   | 8,                    |
| NNE                     |       | - 3   | 3      | . 2     |         |         |         |         |             |         |     | . 9   | 8.                    |
| NE                      | . 1   | 1     | 1.4    | 3.5     | 2.4     | . 4     |         |         |             |         |     | 7.3   | 14.                   |
| ENE                     | . 1   | . 5   | 4.8    | 15.1    | 12.0    | 2.5     | .1      |         |             |         |     | 35.0  | 15.                   |
| E                       |       | . 5   | 6.0    | 26.0    |         | 1.6     |         |         |             |         |     | 42.3  | 14.                   |
| ESE                     | . 1   | . 2   |        |         |         | . 2     |         |         |             |         |     | 7.8   | 13.                   |
| SE                      | . 3   | .5    | 1.1    | . 5     | 2       | . 1     |         |         |             |         |     | 2.5   | 9                     |
| SSE                     |       | . 2   | . 3    | . 2     | .1      | . 1     |         |         | 1           |         |     | Ą     | 10                    |
| S                       | .1    | • 1   | . 2    | . 5     | .1      | . 1     |         |         |             |         |     | 1.0   | 11                    |
| ssw                     |       | .1    | . 2    | 1       | .1      | . 1     |         |         |             |         |     | .5    | 13                    |
| sw                      |       |       | .1     |         |         |         |         |         |             |         |     | .1    | 10                    |
| wsw                     |       |       | . 1    | 2       |         |         |         |         |             |         |     | . 2   | 12                    |
| w                       |       |       |        | .1      |         |         |         |         |             |         |     | . 1   | 12                    |
| WNW                     |       |       | . 2    |         |         |         |         |         |             |         |     | . 2   | 8                     |
| NW                      |       |       |        |         |         |         |         |         |             | 1       |     |       |                       |
| NNW                     | - 1   |       |        |         |         |         |         |         | 1           |         |     | . 1   | 3                     |
| VARBL                   | -     |       |        |         |         |         |         |         |             |         |     |       |                       |
| CALM                    | >     | ><    | ><     | ><      | > <     | > <     | > <     | > <     | $\supset <$ |         | ><  | . 5   |                       |
|                         | . 6   | 2.5   | 16.3   | 50.7    | 24.4    | 4.9     | . 1     |         |             |         |     | 100.0 | 14                    |

TOTAL NUMBER OF OBSERVATIONS

BATA PROCESSING SKAPCH ATR PEAT EN SERVICE/SAC

2

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| JUMNSTON ISLAND/PACIFIC IS | 45-71        | ; <b>c T</b>                     |
|----------------------------|--------------|----------------------------------|
| STATION NAME               | YEARS        | HONTH                            |
| ALL                        | WEATHER      | 1200-1400                        |
|                            | CLASS        | HOURS (L.S.T.)                   |
|                            | CONDITION    |                                  |
|                            | STATION HAME | STATION HAME  ALL WEATHER  CLASS |

| CALM                    | $\geq$  | $\geq \leq$ | > <    | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | 1.0  |                    |
|-------------------------|---------|-------------|--------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|--------------------|
| VARBL                   |         |             | <      |             |             |             |             |             |             | L           |             |      |                    |
| NNW                     |         |             | 2      |             |             |             |             |             |             |             |             | 2    | 8                  |
| NW                      |         |             | 1      |             |             |             |             |             |             |             |             | .1   | 10                 |
| WNW                     | <b></b> |             |        |             |             |             |             |             |             |             |             |      |                    |
| w                       |         |             |        |             |             |             |             |             |             |             |             | . 2  |                    |
| wsw                     |         | 1           | 1      |             |             |             |             |             |             |             |             | . 2  | 9                  |
| SW                      | L       |             | 1      | 1           | . 1         |             |             |             |             |             |             | . 3  | 1.1                |
| \$SW                    | L       |             |        |             |             |             |             |             |             |             |             | 1    | 16                 |
| S                       |         |             | 3      | . 3         | 1           | 1           |             |             |             |             |             | . 8  | 12                 |
| SSE                     |         |             | 5      | 2           | 1           |             |             |             |             |             |             | . 9  | 12                 |
| SE                      |         |             | . 8    |             | , 3         |             | . 1         |             |             |             |             | 2.5  | 11                 |
| ESE                     | 1       |             | 2.0    | 4,8         |             | ,2          |             |             |             |             |             | 9.3  | 1.7                |
| E                       |         | .6          |        |             |             |             | • 1         |             |             |             |             | 40.2 | 1.3                |
| ENE                     |         | . 3         | 4.9    | 15.1        | 11.0        | 2,2         |             |             |             |             |             | 33.4 | 13                 |
| NE                      |         | . 5         | 1.4    | 4.4         | 2.4         | . 2         |             | • 1         |             |             |             | 9.3  | 14                 |
| NNE                     |         |             | . 3    | .6          |             |             |             |             |             |             |             | 1.0  | 12                 |
| N                       | . 1     | • 1         | . 2    | • 1         |             |             |             |             |             |             |             | . 5  | - 1                |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3   | 4-6         | 7 - 10 | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40     | 41 - 47     | 48 - 55     | ≥56         | *    | MEA<br>WIN<br>SPEE |

TOTAL NUMBER OF OBSERVATIONS

1767

USAFETAC  $^{\text{FORM}}_{\text{JUL 64}}$  0-8-5 (OL-1) previous editions of this form are obsolete

DATA PROCESSING SRANCH ETAC/USAF AIR FEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603<br>STATION | STATION HAME | 45=71 YEARS | :;CT                        |
|------------------|--------------|-------------|-----------------------------|
|                  | ALL          | WEATHER     | 1500=1700<br>HOURS (L.S.Y.) |
|                  |              | CONDITION   |                             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10   | 11 - 16     | 17 - 21     | 22 - 27 | 28 - 33  | 34 - 40  | 41 - 47     | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|----------|-------------|-------------|---------|----------|----------|-------------|---------|-----|-------|-----------------------|
| N                       | .1    |             | . 3      | . 1         |             |         |          |          |             |         |     | . 4   | 8.6                   |
| NNE                     |       | . 3         | .6       | . 2         | . 2         |         |          |          |             |         |     | 1.4   | 9.7                   |
| NE                      | . 3   | . 3         | 2.0      | 5.5         | 2.9         | . 3     | . 1      |          |             |         |     | 11.3  | 14.1                  |
| ENE                     | . 1   | . 6         | 4.8      | 16.5        | 11.8        | 2,1     | 1        |          |             |         |     | 35,9  | 15.1                  |
| E                       |       | 1.0         | 7.6      | 20.5        | 8,5         | _ 1.1   |          |          |             |         |     | 38,8  | 13,7                  |
| ESE                     |       | . 3         | 1.2      | 3.7         | 1.0         | 1       |          |          |             |         |     | 6,4   | 13,1                  |
| SE                      | 1     |             | . 8      | . 6         |             |         |          |          | L           |         |     | 2,2   | 10.3                  |
| SSE                     |       | 4           | . 2      | 3           |             | 1       |          |          |             |         |     | 1.1   | 9.8                   |
| \$                      |       |             | 1        | 3           | 1           | 1       |          |          |             |         |     | . 6   | 13.3                  |
| ssw                     |       | 1           |          | . 3         | 2           |         |          |          | l           |         |     | , 7   | 13.5                  |
| sw                      |       |             | 1        |             |             |         |          |          | L           |         |     | . 1   | 10.0                  |
| wsw                     | - 1   |             |          |             | 1           |         |          |          |             |         |     | . 2   | 10.3                  |
| w                       |       |             |          |             |             |         |          |          |             |         | L   | . 1   | 5,0                   |
| WNW                     | 1     | 1           | 1        |             |             |         |          |          |             |         |     | 2     | 4,3                   |
| NW_                     | L     | 1           |          |             |             |         |          |          |             |         |     | . 1   | 5.0                   |
| NNW                     |       |             |          |             |             |         |          |          |             |         |     | l l   |                       |
| VARBL                   |       |             |          |             |             |         |          |          |             |         |     | 11    |                       |
| CALM                    | ><    | $\geq \leq$ | $>\!\!<$ | $\geq \leq$ | $\geq \leq$ | ><      | $>\!\!<$ | $>\!\!<$ | $\geq \leq$ | ><      | ><  | . 7   |                       |
|                         | 7     | 3.0         | 17.8     | 48.2        | 24.8        | 4.0     | . 1      |          |             |         |     | 100.0 | 13.9                  |

TOTAL NUMBER OF OBSERVATIONS 1765

DATA PRICESSING BRANCH ETAC/USAF AIR EATHER SERVICE/MAC 2

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 160 T   | <u> ၂၅۲4</u>            | NSTON I  | SLAND/ | PACIFI | C 15    |         | 45      | -71     |         | YEARS   |              |               |      | )CT                   |
|---------|-------------------------|----------|--------|--------|---------|---------|---------|---------|---------|---------|--------------|---------------|------|-----------------------|
| SIATION |                         | _        |        |        |         | ALL W   | EATHER  |         |         |         | <del>_</del> |               | 180  | 0-2000<br>(L.S.Y.)    |
|         |                         |          |        |        |         | CON     | DITION  |         |         |         |              |               |      |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 · 6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55      | ≥56           | %    | MEAN<br>WIND<br>SPEED |
|         | N                       |          | • 1    | • 1    | .1      | • 1     |         |         |         |         |              |               | . 2  | 10.5                  |
|         | NNE                     |          | . 2    | 7      | .3      | , 1     |         |         |         |         |              |               | 1.3  | 9.9                   |
|         | NE                      | 1        | , 5    | 1.4    | 3.9     | 3,4     | , 5     |         |         |         |              |               | 9,7  | 14.5                  |
|         | ENE                     | . 2      | . 6    | 6.9    |         | 12.4    |         | . 1     |         |         |              |               | 39.6 | 14.9                  |
|         | E                       | , 2      | 1.0    | 6.1    | 20.9    | 8,3     | 1.6     | • 1     |         |         |              |               | 38,2 |                       |
|         | ESE                     | 1        | Ε,     | 1.2    | 3,3     | 1.1     | 3       | . 1     |         |         |              |               | 6.5  | 13.8                  |
|         | SE                      |          | , 3    | . 9    |         | . 2     | - 1     |         |         |         |              |               | 2.1  | 10.9                  |
|         | SSE                     | 1        | . 1    | , 2    | -1      |         |         |         |         |         |              |               | . 3  | 9,3                   |
|         | 5                       | . 1      | • 1    | , Z    | . 1     | , 3     |         |         |         |         |              |               | .7   | 13,1                  |
|         | ssw                     |          |        | . 2    |         | . 1     |         |         |         |         |              |               | . 3  | 11.6                  |
|         | sw                      | <u> </u> |        | . 1    | -,1     | . 1     |         |         |         |         | 1            |               | . 7  | 12.0                  |
|         | wsw                     |          | • 1    |        |         |         |         |         |         |         |              |               | .1   |                       |
|         | w                       |          |        |        |         |         |         |         |         |         |              |               |      |                       |
|         | WNW                     |          | . 1    |        |         |         |         |         |         |         |              |               | . 1  | 5.0                   |
|         | NW                      |          |        |        |         |         |         |         |         |         |              |               |      |                       |
|         | WNM                     |          | .1     | . 1    |         |         |         |         |         |         |              |               | . ?  | 7.0                   |
|         | VARBL                   |          |        |        |         |         |         |         |         |         |              |               |      |                       |
|         | CALM                    |          | > <    | > <    | > <     | ><      | > <     | ><      | > <     | > <     | > <          | $\overline{}$ | . 5  |                       |

TOTAL NUMBER OF OBSERVATIONS 1766

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

100.0 14.2

DATA PROCESSING GRANCH ETAC/USAR AIR MEATHER SERVICE/MAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | _ ડું મુના     | NSTON        | ISLAND/ |        | <u> </u> |         | 45      | <u>-71</u> |         |         |         |     |          | :CT           |
|---------|----------------|--------------|---------|--------|----------|---------|---------|------------|---------|---------|---------|-----|----------|---------------|
| STATION |                |              | STATION | MANE   |          |         |         |            | 1       | YEARS   |         |     |          | ONTH          |
|         |                |              |         |        |          | ALL W   | EATHER  |            |         | _       |         |     | 2100     | 0-2300        |
|         |                |              |         |        |          | cı      | ASS     |            |         |         |         |     |          | (L.S.T.)      |
|         |                |              |         |        |          |         |         |            |         |         |         |     |          |               |
|         |                |              |         |        |          | COM     | DITION  |            |         |         |         |     |          |               |
|         |                |              |         |        |          |         |         |            |         |         |         |     |          |               |
|         |                |              |         |        |          |         |         |            |         |         |         |     |          |               |
|         |                |              |         |        |          |         |         |            |         |         |         |     |          |               |
|         | SPEED          | 1            |         |        | ł        |         |         |            |         |         |         |     |          | MEAN          |
|         | (KNTS)<br>DIR. | 1 - 3        | 4-6     | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33    | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | <b>%</b> | WIND<br>SPEED |
|         |                | <del> </del> |         |        |          |         |         |            |         | <b></b> |         |     | <u> </u> |               |
|         | N              | <b>↓</b>     |         |        |          |         |         |            |         |         |         |     | . 1      | 12.0          |
|         | NNE            | L            | 2       | 2      |          |         |         |            |         |         | 1       |     | . 6      | 9.6           |
|         | NE             |              | 1 .5    | 1.5    | 3.6      | 2.6     | .6      |            |         |         |         |     | 8.9      | 14.3          |
|         | ENE            |              | 1 .7    | 6.0    | 15.9     | 12.3    | 3.0     | • 1        |         |         |         |     | 38.0     |               |
|         |                | 1            | 1       |        |          | 9 6     |         |            |         |         | 1       |     | 40 3     |               |

| DIR.  |     |        |             | ,,,,, |          |        | 35 55    | 31 10  | 1      | 10.00  |            | ~     | SPEED |
|-------|-----|--------|-------------|-------|----------|--------|----------|--------|--------|--------|------------|-------|-------|
| N     |     |        |             | • 1   |          |        |          |        |        |        |            | . 1   | 12    |
| NNE   |     | 2      | . 2         | ٤     |          |        |          |        | [      | [      |            | . 6   | 14    |
| NE    | 1   | . 5    | 1.5         | 3.6   | 2,6      | .6     |          |        |        |        |            | 8,9   | 14    |
| ENE   | . 1 | , 7    | 6.0         |       |          | 3.0    | . 1      |        |        |        |            | 38.0  | 15    |
| Ę     | . 1 | 1.1    | 6,9         | 22.5  | 7.8      |        |          |        |        | 1      |            | 40.3  | 14    |
| ESE   |     | - 4    | 1.5         |       |          | .3     |          |        |        |        |            | 7,6   | 13    |
| SE    |     | . 3    | .5          | .7    | . 5      | .1     |          |        |        |        |            | 2.0   |       |
| SSE   |     | .2     | . 3         | . 2   |          |        |          |        |        |        |            | . 7   | 9     |
| \$    |     |        | . 2         |       | . 1      | .1     |          |        |        |        |            | .6    | 13    |
| SSW   |     |        | . 1         | . 1   |          | • 1    |          |        |        |        |            | . ?   | 13    |
| SW    | . 1 |        | . 2         | • 1   | . 1      | •1     |          |        |        |        |            | .4    | 11    |
| wsw   |     |        |             |       |          |        |          |        | T      |        |            |       |       |
| w     |     | . 1    | .1          |       |          |        |          |        |        |        |            | . 1   | 7     |
| WNW   |     |        |             |       |          |        |          |        |        |        |            |       |       |
| NW    |     |        |             | .1    |          |        |          |        |        |        |            | .1    | 15    |
| MMM   |     | . 1    |             | .1    |          |        |          |        | ļ — —  |        |            | .1    | 9     |
| VARBL |     |        |             |       |          |        |          |        |        |        |            |       |       |
| CALM  |     | $\geq$ | $\geq \leq$ | ><    | $\times$ | $\geq$ | $\times$ | $\geq$ | $\geq$ | $\geq$ | $\searrow$ | . 3   |       |
|       | . 3 | 3.4    | 17.6        | 47.5  | 24.8     | 6.0    | . 1      |        |        |        |            | 100.0 | 14    |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING SHANCH ETAC/USAF AIR PEATHER SERVICE/MAC

# SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603<br>STATION | JIBHNSTON ISLAND/PACIFIC IS | 45-71<br>YEARS    | NOT V                       |
|------------------|-----------------------------|-------------------|-----------------------------|
|                  | ALL                         | WE ATHER<br>CLASS | 0000=0200<br>HOURS (L.S.Y.) |
|                  |                             | ONDITION          |                             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16  | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47       | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|----------|---------|---------|---------|---------|---------------|---------|-----|-------|-----------------------|
| N                       | . 1   | . 2   | .3     | . 5      | . 1     | • 1     |         |         |               |         |     | 1.3   | 9.9                   |
| NNE                     |       | . 2   | . 2    | . 4      | . 5     | . 1     |         |         |               |         |     | 1.5   | 13.6                  |
| NE                      | . 2   | . 5   | 1.7    | 3.6      | 2.1     | . 5     | . 1     |         |               |         |     | 8.7   | 13,9                  |
| ENE                     |       | . 6   | 4.3    | 15.6     |         | 2.4     | .1      |         |               |         |     | 33,6  | 15.2                  |
| E                       | 2.    | , 9   | 4.2    | 21.9     |         |         |         |         |               |         |     | 39.4  | 14.8                  |
| ESE                     | . 2   | . 2   | 2.1    | 3.5      | 1.2     | , 4     |         |         | $\overline{}$ |         |     | 7.6   | 13.2                  |
| SE                      | - 1   | . 3   | 1.2    | . 9      | . 2     |         |         |         |               |         |     | 2.7   | 10.6                  |
| SSE                     |       | . 1   | .6     | . 3      | . 1     | .2      |         |         |               |         |     | 1.3   | 12.5                  |
| S                       |       | . 1   | . 4    | . 1      | . 1     | • 1     | • 1     | • 1     |               |         |     | .9    | 13.7                  |
| ssw                     |       |       | . 2    |          |         |         |         |         |               |         |     | . 2   | 8.8                   |
| sw                      |       | . 3   | .1     | 1        |         |         |         |         |               |         |     | , 5   | 7,2                   |
| wsw                     |       |       | . 3    | 1        |         |         |         |         |               |         |     | , 5   | 8,6                   |
| w                       |       | - 1   | 1      |          |         |         |         |         |               |         |     | . 3   | 8,8                   |
| WNW                     |       | . 2   |        |          |         |         |         |         |               |         |     | , 2   | 5.0                   |
| NW                      |       |       |        | 1        |         |         |         |         |               |         |     | . 2   | 8.0                   |
| NNW                     |       |       | . 1    | . 2      | - 1     | • 1     |         |         |               |         |     | .4    | 14,9                  |
| VARBL                   |       |       |        |          |         |         |         |         |               |         |     |       |                       |
| CALM                    | ><    | ><    | ><     | $\times$ | ><      | ><      | > <     | > <     | $\geq <$      |         | ><  | . 7   |                       |
|                         | . 7   | 4.3   | 15.9   | 47.4     | 24.9    | 5.9     | 2       | .1      |               |         |     | 100.0 | 14.                   |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING "RANCH FTAC/USAF AIR FEATHER MERVICE/MAC

2

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| STATION | jun                     | NSTON I | SLAND/  | PACIFI        | <u>C 15</u>   |         | 45            | -71     |               |          |         |             |       | √۲۱۷                  |
|---------|-------------------------|---------|---------|---------------|---------------|---------|---------------|---------|---------------|----------|---------|-------------|-------|-----------------------|
| STATION |                         |         | STATION | MAME          |               |         | <b></b>       |         | ,             | YEARS    |         |             |       | ONTH                  |
|         |                         | _       |         |               |               |         | EATHER        |         |               |          |         |             |       | 0-0500                |
|         |                         |         |         |               |               | EL      | A88           |         |               |          |         |             | KOURS | (L.S.T.)              |
|         |                         | _       |         |               |               | CONT    | NOTION        |         |               |          |         |             |       |                       |
|         |                         |         |         |               |               |         |               |         |               |          |         |             |       |                       |
|         |                         |         |         |               |               |         |               |         |               |          | _       |             |       |                       |
|         |                         |         |         |               | ,             |         |               |         |               |          |         | <del></del> |       |                       |
|         | SPEED<br>(KNTS)<br>DIR. | 1 - 3   | 4 - 6   | 7 - 10        | 11 - 16       | 17 - 21 | 22 - 27       | 28 - 33 | 34 - 40       | 41 - 47  | 48 - 55 | ≥56         | %     | MEAN<br>WIND<br>SPEED |
|         | N                       |         | .2      | . 5           | 2             | , 2     | • 1           | . 1     |               |          |         |             | 1,2   | 12.8                  |
|         | NNE                     |         | . 3     | . 4           | . 4           | . 5     | • 1           |         |               |          |         |             | 1.6   | 12.7                  |
|         | NE                      | . 1     | .7      | 1.2           | 3.1           | 2.4     | . 4           |         |               |          |         |             | 7.8   | 14.1                  |
|         | ENE                     |         | . 8     | 4.7           | 15.5          | 10.6    | 2.5           | . 1     |               |          |         |             | 34.3  | 15.0                  |
|         | E                       | . 1     | 1.0     | 5.1           | 20.1          | 11,2    | 2.1           |         |               |          |         |             | 39.5  | 14.9                  |
|         | ESE                     | .1      | . 4     | 2.1           | 3,5           | 1.2     | . 2           |         |               |          |         |             | 7.3   | 12.8                  |
|         | SE                      |         | . 4     | 1.5           | 1.2           | . 1     | - 1           | .1      |               |          |         |             | 3.3   | 11.2                  |
|         | SSE                     |         | , 3     | .2            | .2            | .1      | • 1           |         |               |          |         |             | . 9   | 11.5                  |
|         | S                       |         |         | . 2           | . 4           |         | _ 1           |         |               |          |         |             | .7    |                       |
|         | ssw                     |         |         | .2            | . 1           |         |               | . 1     |               |          |         |             | . 4   | 13.3                  |
|         | sw                      | . 1     | . 2     | . 2           | . 2           |         |               |         |               |          |         |             | . 7   | 8.1                   |
|         | wsw                     |         | . 1     | .2            |               |         |               |         |               |          |         |             | . 2   | 8.0                   |
|         | w                       | . 1     | . 1     | .1            |               |         |               |         |               |          |         |             | . 3   | 5,2                   |
|         | WNW                     |         |         |               |               |         |               |         |               |          |         |             |       |                       |
|         | NW                      |         | . 1     |               | . 2           |         |               |         |               |          |         |             | , 2   | 11.0                  |
|         | NNW                     |         | . 1     | . 2           | . 1           | . 3     |               |         |               |          |         |             | . 7   | 14,2                  |
|         | VARBL                   |         |         |               |               |         |               |         |               | <u> </u> |         |             |       |                       |
|         | 64144                   |         |         | $\overline{}$ | $\overline{}$ |         | $\overline{}$ |         | $\overline{}$ |          |         |             | . 8   |                       |

TOTAL NUMBER OF OBSERVATIONS

1652

DATA PRICESSING PRANCH FTAC/USAF AIR FEATHER SERVICE/MAC

2

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21503   | JUHNSTON ISLAND/PACIFIC IS | 45-71       |       | 6 f) <b>V</b>  |
|---------|----------------------------|-------------|-------|----------------|
| STATION | STATION NAME               |             | YEARS | MONTH          |
|         |                            | ALL WEATHER |       | 0600-0800      |
|         |                            | CLASS       |       | HOURS (1.S.T.) |
|         |                            |             |       |                |
|         |                            | CONDITION   |       |                |
|         |                            |             |       |                |
|         |                            |             |       |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6 | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33  | 34 - 40  | 41 - 47     | 48 - 55    | ≥56 | %              | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-----|----------|---------|---------|---------|----------|----------|-------------|------------|-----|----------------|-----------------------|
| N                       | 1     | . 2 | . 4      | . 4     | . 2     | . 2     |          |          |             |            |     | 1.4            | 12.                   |
| NNE                     |       | . 2 | . 4      | 9       | .6      |         |          |          |             |            |     | 2.1            | 13,                   |
| NE                      | . 1   | 9   | 1.2      | 2.6     |         |         |          |          |             |            |     | 7,2            | 14.                   |
| ENE                     | . 2   | . 0 | 4.2      | 14.5    | 9.8     | 3.2     | • 1      |          |             |            |     | 32,6           | 15.                   |
| E                       | . 1   | . 5 |          |         | 12.1    | 2.8     |          |          |             |            |     | 41.6           | 15.                   |
| ESE                     |       | .2  | 1.5      | 3.3     | 1.5     | . 2     |          |          |             |            |     | 6.7            | 13.                   |
| SE                      |       | . 5 | .7       | 1.6     | . 2     | . 2     |          |          |             |            |     | 3.2            | 11,                   |
| SSE                     | . 1   |     | .4       | . 2     |         |         |          |          |             |            |     | ,7             | 9.                    |
| S                       | . 1   | • 1 | . 5      | . 4     |         | . 2     | • 1      |          |             |            |     | 1.3            | 12.                   |
| SSW                     | . 1   |     | . 2      | . 1     |         |         |          |          |             |            |     | . 4            | 9,                    |
| sw                      | - 1   | . 3 | . 2      | . 2     |         | . 1     |          |          |             |            |     | . 8            | 9.                    |
| wsw                     | - 1   | • 1 | . 4      |         |         |         |          |          |             |            |     | . 5            | 7.                    |
| w                       |       |     |          |         |         |         |          |          | 1           |            |     | <del>-</del> - |                       |
| WNW                     |       |     |          |         |         |         |          |          |             |            |     |                |                       |
| NW                      |       | . 2 |          |         |         |         |          |          | ,           |            |     | . 2            | 5,                    |
| NNW                     |       | . 2 | - 1      | . 3     | . 2     | • 1     |          |          | R           |            |     | . B            | 13.                   |
| VARBL                   | 1     |     |          |         |         |         |          |          | ,,          |            |     | <b>"</b>       |                       |
| CALM                    | ><    | > < | $\times$ | ><      | ><      | > <     | $\times$ | $\times$ | $\supset <$ | $\searrow$ | >   | . 4            |                       |
|                         | . 7   | 3.8 | 15.8     | 45.1    | 26.7    | 7.3     | .2       |          |             |            |     | 100.0          | 14.                   |

TOTAL NUMBER OF OBSERVATIONS 1650

CATA PRIESSING BRANCH FTAC/USAF AIR EATHER SERVICE/FAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216(-1  | UNINSTEN ISLAND/PACIFIC IS | 45-71     | <b>₩</b> 0 <b>V</b> |
|---------|----------------------------|-----------|---------------------|
| STATION | STATION NAME               | YEARS     | MONTH               |
|         | ALL                        | WEATHER   | 0900-1100           |
|         |                            | CLASS     | HOURS (L.S.T.)      |
|         |                            |           |                     |
|         |                            | CONDITION |                     |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6       | 7 - 10   | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33  | 34 - 40  | 41 - 47 | 48 - 55       | ≥56      | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------------|----------|---------|---------|---------|----------|----------|---------|---------------|----------|-------|-----------------------|
| N                       |       | . 2.        | . 2      | . 3     | . 4     | •1      |          |          |         | † <del></del> |          | 1.1   | 12.                   |
| NNE                     | . 1   | • 1         | . 4      | . 9     | , 5     |         |          |          |         |               |          | 2.0   | 13.                   |
| NE                      |       | . 3         | 1.2      | 2.8     | 2.2     | . 4     |          |          |         |               |          | 7.0   | 14.                   |
| ENE                     | . 1   | . 5         | 3.5      | 13.8    | 12.9    | 1.7     | • 1      |          |         |               |          | 32.5  | 15.                   |
| Ē                       |       | , 5         | 5.8      | 21.0    | 12.9    | 2.1     | • 1      |          |         |               |          | 42.4  | 15.                   |
| ESE                     | . 1   | - 4         | . 9      | 4.1     | 1.3     | . 2     |          |          |         | Ì             |          | 7.0   | 13.                   |
| SE                      |       | , 2         | 1.5      | 1.1     | . 3     |         |          |          |         |               |          | 3,1   | 10.                   |
| SSE                     | . 1   | • 1         | . 4      | , 3     | . 2     |         |          |          |         |               |          | 1.0   | 11.                   |
| S                       | . 1   | . 2         | . 6      | . 1     |         | . 2     |          |          |         |               |          | 1.2   | lc,                   |
| ssw                     |       | . 2         | , 2      | - 1     |         |         |          |          |         |               |          | . 5   | 7.                    |
| SW                      |       |             |          | . 3     |         |         |          |          |         |               |          | . 7   | 11.                   |
| wsw                     |       |             | . 2      |         |         |         |          |          |         |               |          | . 2   | 9,                    |
| w                       |       |             | - 1      |         |         |         |          |          |         |               |          | 1     | 9.                    |
| WNW                     | L     | نا و        |          |         |         |         |          |          |         |               |          | . 1   | 6,                    |
| NW                      |       |             | 1        |         |         |         |          |          |         |               |          | . 2   | 6.                    |
| NNW                     |       | . 1         | . 1      | . 4     | . 2     |         |          |          |         |               |          | .7    | 13.                   |
| VARBL                   |       |             |          |         |         |         |          |          |         | L             |          |       |                       |
| CALM                    | ><    | $\geq \leq$ | $\geq <$ | ><      | ><      | ><      | $>\!\!<$ | $\geq <$ | ><      | ><            | $\times$ |       |                       |
|                         | . 4   | 2.9         | 15.7     | 45.1    | 31.0    | 4.7     | . 2      |          |         |               |          | 100.0 | 14.                   |

TOTAL NUMBER OF OBSERVATIONS 165

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0.8.5 (OL·1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

د د ف در د

ATA PROCESSING BRANCH ETACIUSAF AIR EATHER NERVICEIMAC 2

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 1003    | 4013                    | STON I      | SLANO/ | PACIFI   | CIS      |             | 45           | -71     |          |                | <del></del> . |     |       | √11 <b>V</b>          |
|---------|-------------------------|-------------|--------|----------|----------|-------------|--------------|---------|----------|----------------|---------------|-----|-------|-----------------------|
| STATION |                         |             | STATIO | NAME     |          |             |              |         |          | YEARS          |               |     |       | ONTH                  |
|         |                         |             |        |          |          | ALL N       | EATHER.      |         | ·        |                |               |     | 1200  | 0-1400                |
|         |                         |             |        |          |          | CI          | .A\$\$       |         |          |                |               |     | HOURS | (L.S.T.)              |
|         |                         |             |        |          |          | con         | DITION       |         |          |                | <del></del>   |     |       |                       |
|         | SPEED<br>(KNTS)<br>DIR, | 1 - 3       | 4 - 6  | 7 - 10   | 11 - 16  | 17 - 21     | 22 - 27      | 28 - 33 | 34 - 40  | 41 - 47        | 48 - 55       | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|         | N N                     |             |        |          |          |             |              |         |          |                |               |     |       |                       |
|         | NNE                     |             | 9.7    | - 2      | 3        | . 3         | <del></del>  | •1      |          |                | <del> </del>  |     | 1.5   | 11.8                  |
|         |                         |             |        | 8        | 1.0      | - 4         | <del>.</del> |         |          | <del></del>    |               |     | 2.5   | 12.5                  |
|         | NE                      | -1          | .2     |          | 2.3      | 2,2         |              | ļ       |          | <del> </del> - |               |     | 6,5   |                       |
|         | ENE                     | ļ           | . 4    | 3,4      | 14.5     | 11.5        | 1,4          |         |          | ļ              |               |     | 31.6  | 15.5                  |
|         | E                       | 1           | . 7    | 4.7      | 21.1     | 12,7        | 1.1          | 1       |          |                |               |     | 40.4  | 14.9                  |
|         | ESE                     |             | • 4    | 1.8      | 5.0      | 1,9         | 1            |         |          | \              |               |     | 9.3   | 13,3                  |
|         | SE                      | 1           | 4      | 1.5      | . 7      | 2           |              |         |          | ļ              |               |     | 2,9   | 13.3                  |
|         | SSE                     |             | . 4    | 4        |          | . 2         | 1            |         |          | L              |               |     | 1.6   | 12.1                  |
|         | S                       | L           | 2      | 3        | 2        |             |              | -1      |          |                |               |     | , 7   | 10.5                  |
|         | ssw                     | 1           | 1      | . 2      |          |             |              |         |          |                |               |     | . 4   | 6.0                   |
|         | sw                      |             |        | . 5      | . 4      |             |              |         |          |                |               |     | 1.0   | 10.1                  |
|         | wsw                     |             | . 1    | . 2      |          |             |              |         |          |                |               |     | , ?   | 10,1                  |
|         | w                       |             | . 1    | .1       |          |             |              |         |          |                |               |     | . 7   | 8,0                   |
|         | WNW                     |             |        | . 1      |          |             |              |         |          |                |               |     | . 1   | 10.0                  |
|         | NW                      |             | . 2    | . 1      | . 4      |             |              |         |          |                |               |     | . 6   |                       |
|         | NNW                     |             | - 1    |          | . 2      |             | . 1          |         |          | <del> </del>   |               |     | . 4   | 15,6                  |
|         | VARBL                   |             |        |          |          |             |              |         |          |                |               |     | -     |                       |
|         | CALM                    | $\geq \leq$ | ><     | $\geq <$ | $\geq <$ | $\geq \leq$ | $\geq <$     | $\geq$  | $\geq <$ | $\geq$         |               | ><  | • 1   |                       |
|         |                         |             | 2 4    | 15.0     | 4.4 (3   | 20.5        | 2 /          | 4       |          |                |               |     | 100.0 | 14 4                  |

TOTAL NUMBER OF OBSERVATIONS

1650

ATA PRINTSING RAWER FTACTUSAL TIR EAT EN SERVICE/MAC

# SURFACE WINDS

100.0

1651

TOTAL NUMBER OF OBSERVATIONS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21C TATION | <u></u>        | NST N 13 | SLAND/  | ACIFIC | CIS           |         | 45          | -71     |         | VEARS.  |             |               |                               | DRYN                  |
|------------|----------------|----------|---------|--------|---------------|---------|-------------|---------|---------|---------|-------------|---------------|-------------------------------|-----------------------|
|            |                |          | 5181108 |        |               |         | ~ A = . 1 = |         |         |         |             |               |                               |                       |
|            |                |          |         |        |               | ALL W   | EATHER      |         |         |         | <del></del> |               | 1500                          | 1700                  |
|            |                |          |         |        |               |         |             |         |         |         |             |               |                               | (1,                   |
|            |                | _        |         |        |               | CON     | IDITION     |         |         |         |             |               |                               |                       |
|            |                | -        |         |        |               |         |             |         | <u></u> |         |             |               |                               |                       |
|            | SPEED          | ır — T   | —       |        | <del></del> - |         |             |         |         |         | T           | <del> </del>  |                               |                       |
|            | (KNTS)<br>DIR. | 1 - 3    | 4 - 6   | 7 - 10 | 11 - 16       | 17 - 21 | 22 - 27     | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55     | ≥ 56          | , ,                           | MEAN<br>WIND<br>SPEED |
|            | N              |          | . 2     | .4     | . 4           | . 2     | • 2         |         |         |         | <del></del> |               | 1.4                           | 13.1                  |
|            | NNE            | - 1      | . 4     | . 7    | 1.0           | .6      |             |         |         |         |             | •             | 7.0                           | 12.5                  |
|            | NE             | . 4      | . 2     | 1.0    | 3.6           |         |             |         |         |         | • –         |               | $\frac{7 \cdot 6}{7 \cdot 3}$ | 13. P                 |
|            | ENE            | . 1      | . 3     | 3,4    | 16.2          | 12.2    | 2.0         |         | • 1     |         |             |               | 34.2                          | 15.5                  |
|            | E              | . 1      | . 8     | 4.0    |               |         | 1.4         |         |         |         | 1           | • • • • • • • | " <u>3₽, "</u> "              | 13.0                  |
|            | ESE            |          | . 2     | 2.1    | 3.3           | 1.5     |             |         |         |         | 1           | :             | 7.3                           | 13.2                  |
|            | SE             | . 2      | . 4     | . 9    | 1.0           | . 4     |             |         |         |         | 1           |               | 3.0                           | 10.6                  |
|            | SSE            | . 2      | . 2     | . 4    | .4            |         |             | .1      |         |         |             |               | 1.7                           | 10.2                  |
|            | S              | . 1      | . 2     | , 3    | - 1           | . 3     |             |         |         |         | ļ           |               | . 9                           | 11.5                  |
|            | ssw            | . 1      | , 3     | . 2    | . 1           |         |             |         |         |         |             |               | . 7                           | 7.5                   |
|            | sw             |          | . 1     | . 3    | . 4           |         | • 1         |         |         |         |             |               | · P                           | 12,3                  |
|            | wsw            |          |         | . 1    | . 1           |         |             |         |         |         |             |               | . ?                           | 10.7                  |
|            | w              | . 1      | • 1     | • 1    |               |         |             |         |         |         | 1           |               | . 2                           | 5.7                   |
|            | WNW            | i        | . 1     | . 1    | . 1           | . 1     |             |         |         |         |             |               | . 3                           | 11.6                  |
|            | NW             | . 1      | • 1     | .1     |               |         |             |         |         |         |             |               | . 2                           | 6.9                   |
|            | NNW            |          | • 1     | . 1    | . 1           | . 3     |             |         |         |         |             |               | . 4                           | 14.8                  |
|            | VARBL          |          |         |        |               |         |             |         |         |         |             |               |                               |                       |
|            |                |          |         |        |               |         |             |         |         |         |             |               |                               |                       |

USAFETAC  $\frac{\text{FORM}}{\text{JUL-64}}$  0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SURFACE WINDS

HATA PRICESSIN' BRANCH TACZUSAF HIR EATHER LEFVICEZMAC

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216-3   | JUNESTON ISLAND/PACIFIC IS | 45-71    | r. MV          |
|---------|----------------------------|----------|----------------|
| STATION | STATION NAME               | YEARS    | MONTH          |
|         | ALL                        | WEATHER  | 1400-2000      |
|         |                            | CLASS    | HOURS (L.S.T.) |
|         | <u></u>                    |          |                |
|         |                            | KOITIONO |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-----|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| ×                       |       | . 2 | . 2    | . 5     | 2       | ٠Z      |         |         |         |         |     | 1.3   | 14.                   |
| NNE                     | .1    |     | 7      | . 8     | 5       | . 1     |         |         |         |         | _   | 2.5   | 12                    |
| NE                      | . 3   | . 2 | 1.7    | 4.4     | 1.6     | . 5     | • 1     |         |         |         |     | 8.7   | 13                    |
| ENE                     | . 1   | . 7 | 3.7    | 16.0    | 14.2    | 2.6     | . 2     | • 1     |         |         |     | 37.7  | 15                    |
| Ę                       | . 1   | . 8 | 3.6    | 19.7    | 11.1    | . 8     |         |         |         |         |     | 36.1  | 14                    |
| ESE                     |       | , 4 | 1.4    | 2.8     | 1.1     | • 2     |         |         |         |         |     | 5,9   | 12                    |
| SE                      | . 1   | . 5 | .7     | 1.1     | . 2     | . 1     |         |         |         |         | -   | 2.8   | 10                    |
| SSE                     |       | . 2 | .2     | . 2     | . 3     | • 1     | . 1     | • 1     |         |         |     | 1.1   | 15                    |
| S                       |       | . 5 | . 2    | . 1     | - 1     |         | • 1     |         |         |         |     | 1.0   | 9                     |
| ssw                     | - 1   | . 2 | . 2    |         |         |         |         |         |         |         |     | . 4   | 6                     |
| sw                      |       | . 1 | . 2    | . 2     |         |         |         |         |         |         |     | , 5   | 9                     |
| wsw                     |       | . 1 | .1     |         |         |         |         |         |         |         |     | . 2   | 6                     |
| w                       |       |     | .1     | 1       |         |         |         |         |         |         |     | . 2   | 10                    |
| WNW                     |       | • 1 | 1      | . 1     |         |         |         |         |         |         |     | . 2   | 9                     |
| NW                      |       |     | 1      |         |         |         |         |         |         |         |     | . 1   | 11                    |
| NNW                     |       |     |        |         | . 2     |         |         |         |         |         |     | . 3   | 13                    |
| VARBL                   |       |     |        |         |         |         |         |         |         | 1       |     |       |                       |
| CALM                    | ><    | ><  | ><     | ><      | > <     | ><      | ><      | > <     | > <     |         | ><  | . 9   |                       |
|                         | . 7   | 4.5 | 13.0   | 46.2    | 29.6    | 4.0     | . 4     | . 1     |         |         |     | 100.0 | 14                    |

TOTAL NUMBER OF OBSERVATIONS

1654

SATA PRICESSING SHANCH ATR PEATTER VERVICE/HAC

> WNW NNW VARBL CALM

2

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u> الال                                  </u> | NST IN 1 | SLAND/I       |        | C 15          |         | 45          | <del>-7</del> 1 | - Y         | EARS           |               |      |       | NTH                   |
|--|----------|---------------|--------|---------------|---------|-------------|-----------------|-------------|----------------|---------------|------|-------|-----------------------|
|  | _        |               |        |               |         | FATHER      |                 |             |                |               |      |       | )=230                 |
|  | _        |               |        |               | CON     | DITION      | ·               |             |                |               |      |       |                       |
|  |          | <del></del> - |        |               |         |             |                 | <del></del> | - <del>-</del> |               |      |       |                       |
|  | 1        |               |        | <del></del> 1 |         | <del></del> |                 | ·           |                | <del></del> - |      | гт    |                       |
| SPEED<br>(KNTS)<br>DIR.                        | 1 - 3    | 4 - 6         | 7 - 10 | 11 - 16       | 17 - 21 | 22 - 27     | 28 - 33         | 34 - 40     | 41 - 47        | 48 - 55       | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
| N  |          | . 2           | ·ź     | .2            | . 2     | . 2         |                 |             |                |               |      | 1.1   | 13.                   |
| NNE  |          | . 1           | . 2    | . 7           | . 8     | , 2         |                 |             |                |               |      | 2.1   | 15.                   |
| NE   | .1       | . 2           | 1.6    | 2.4           | 2,2     | , 3         | • 1             |             |                |               | - 1  | 7.4   | 14,                   |
| ENE  | . 1      | 1.0           | 3.8    | 16.6          | 11.0    | 3.1         | . 2             | • 1         |                |               | _ [  | 35. A | 15.                   |
| E  | .1       | 1.1           | 4.1    | 20.4          | 11.4    | 1.6         | . 1             |             |                |               |      | 38.8  | -14,                  |
| ESE  |          | . 5           | 1.7    | 3,4           | 1.6     | • 1         |                 |             |                | i             | 1    | 7.3   | 13,                   |
| SE   | .1       | .5            | 1.0    | 1.0           | . 2     | . 1         | • 1             |             |                |               |      | 2.8   | 11.                   |
| SSE  | 1        |               | . 3    | . 2           | . 2     |             |                 |             |                |               |      | . 7   | 13,                   |
| s  | 1        | . 1           |        | . 1           |         |             |                 | • 1         | - 1            |               |      | . 7   | 16.                   |
| ssw  |          |               | • 1    |               | . 1     |             |                 |             |                |               |      | . 4   | 8,                    |
|  | ii ii    | 2             |        |               |         |             |                 |             |                |               | - 1  |       | <u> </u>              |

TOTAL NUMBER OF OBSERVATIONS

1654

100.0

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0.8-5 (OL-1) previous editions of this form are obsolete

DATE PROCESSING BRANCH FTAC/USAF AIR FEATHER SERVICE/MAC

2

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u>71693</u> | JUMESTON ISLAND/PACIFIC IS | 45=71    | 08.0           |
|--------------|----------------------------|----------|----------------|
| STATION      | STATION NAME               | YEARS    | MONTH          |
|              | ALL                        | WEATHER  | 0000-0200      |
|              |                            | CLASS    | HOURS (L.S.T.) |
|              |                            |          |                |
|              | CC                         | ONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16     | 17 - 21 | 22 - 27  | 28 - 33 | 34 - 40                                 | 41 - 47 | 48 - 55  | ≥56        | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|-------------|---------|----------|---------|---|---------|--|------------|-------|-----------------------|
| z                       | . 1   | . 4   | .8     | , 5         | .1      |          |         |   |         | <del>                                     </del> |            | 1.8   | 9,3                   |
| NNE                     |       | . 4   | .6     |             | 1,2     | . 2      | • 1     |   |         |  |            | 4.1   | 14.4                  |
| NE                      | . 1   | . 8   | 2.3    | 4,4         | 5,2     | 2.7      | .3      |   |         |  |            | 15.8  | 16.                   |
| ENE                     | . 1   | .6    | 4.1    | 9.5         | 9.9     | 3.9      | • 2     |   |         | 1  |            | 28.3  | 16.                   |
| E                       |       | . 6   | 5.8    | 15,5        | 9.1     | 2.0      | •1      |   |         | 1  |            | 33.7  | 14.5                  |
| ESE                     | .1    | .4    |        |             | 1.2     | .6       |         |   |         | <u> </u>   |            | 7.1   | 13.3                  |
| SE                      |       | . 3   | 1.0    | . 7         | . 1     | . 2      |         |   |         |  |            | 2.4   | 11.4                  |
| SSE                     | . 1   | . 2   | . 5    | . 5         | . 2     | . 2      |         |   |         |  | i          | 1.6   | 12,2                  |
| S                       |       | .1    | . 2    | ۶.          |         |          |         |   |         |  |            | 8.    | 10.8                  |
| SSW                     |       | . 2   | .1     | Ε.          | .1      |          |         |   |         | _  |            | . 6   | 11.                   |
| sw                      | . 1   | . 4   | .1     | . 4         | .1      | . 2      | • 1     | . 1                                     |         |  |            | 1.4   | 13.4                  |
| wsw                     |       | .1    | .1     |             | . 1     | .1       |         | .1                                      |         |  |            | .4    | 19.3                  |
| w                       |       | .1    | .1     | • 1         |         |          | • 1     |   |         |  |            | . 2   | 14.3                  |
| WNW                     |       |       | . 2    | . 1         | . 1     | ····-    | • **    |   |         |  |            | .4    | 12.                   |
| NW                      |       | . 1   | .1     | . 2         |         |          |         |   |         |  |            | .4    | 11.3                  |
| NNW                     | . 1   | . 4   | , 2    |             |         |          |         | • |         |  |            | .6    | 5.6                   |
| VARBL                   |       |       |        |             |         |          | _       |   |         |  |            | 1     |                       |
| CALM                    | ><    | ><    | ><     | $\geq \leq$ | ><      | $\times$ | ><      | $\times$                                | $\geq$  | $\geq$   | $\searrow$ | . 5   |                       |
|                         | . 5   | 5.0   | 18.0   | 37.1        | 27,3    | 10.9     | ۲,      | . 1                                     |         |  |            | 100.0 | 14.9                  |

TOTAL NUMBER OF OBSERVATIONS

1699

BATA PRICESSING BRANCH ETAC/USAL AIR FEAT ER SERVICE/MAC

# SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216135<br>STATION | JIDHNSTON ISLAND/PACIFIC IS | 45=71<br>YEARS | UFC MONTH        |
|-------------------|-----------------------------|----------------|------------------|
|                   | ALL                         | WEATHER CLASS  | 0 3 00 = 0 5 0 C |
|                   |                             | COMPITION      |                  |

| SPEED<br>(KNTS)<br>DIR. | 1 · 3 | 4 - 6    | 7 - 10      | 11 - 16  | 17 - 21     | 22 - 27  | 28 - 33     | 34 - 40  | 41 - 47     | 48 - 55  | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-----|-------|-----------------------|
| N                       |       | . 2      | . 6         | . 6      | . 2         |          | -           |          |             | í        |     | 1.7   | 10.9                  |
| NNE                     | 1     | 2        | . 9         | 1.5      | .6          | . 6      |             |          |             |          |     | 3.7   | 14.1                  |
| NE                      |       | . 5      | 2.4         | 4.4      | 4.2         | 2.9      | . 5         |          |             |          |     | 15.0  | 16.7                  |
| ENE                     | 1     | . 7      | 4.7         | 9.9      | 11.4        | 3.2      | . 2         |          |             |          |     | 30.1  | 15.7                  |
| E                       | . 1   | . 9      | 6.0         | 13.4     | 9,8         | 2.1      | . 1         |          |             |          |     | 32.4  | 14.8                  |
| ESE                     | . 1   | . 1      | 1.5         | 2.8      | 1.8         | . 6      |             |          | I           |          |     | 6.8   | 14,3                  |
| SE                      | . 1   | . 5      | .5          | . 5      | . 3         | - 1      |             |          | ]           |          |     | 2,2   | 10,9                  |
| SSE                     | . 1   | . 2      | . 5         | .8       | . 1         | 1        | . 1         |          |             |          |     | 1.9   | 12,3                  |
| 5                       | . 1   | . 1      |             | . 2      |             |          |             |          |             |          |     | . 9   | 9,9                   |
| ssw                     |       | . 2      |             | . 4      | 1           | 1        | . 1         |          |             |          |     | . 9   | 15,6                  |
| sw                      |       |          | . 2         | . 2      |             | • 2      |             |          |             |          |     | . 5   |                       |
| wsw                     | . 1   | . 2      | -1          | . 2      | . 2         |          |             |          |             |          |     | . 8   | 12.5                  |
| w                       |       | . 2      | . 1         | . 1      |             |          |             |          |             |          |     | . 4   | 7,3                   |
| WNW                     |       |          | 2           |          |             | 1        |             |          |             |          |     | . 4   | 14,8                  |
| NW                      |       |          | . 2         |          |             |          |             |          |             |          |     | . 5   | 9,0                   |
| NNW                     |       | . 1      | .4          | . 1      | . 1         |          |             |          |             |          |     | .6    | 10.1                  |
| VARBL                   |       |          |             |          |             |          |             |          |             |          |     |       |                       |
| CALM                    | ><    | $\geq <$ | $\geq \leq$ | $\times$ | $\geq \leq$ | $\geq <$ | $\geq \leq$ | $\geq <$ | $\geq \leq$ | $\geq <$ | ><  | 1.1   |                       |
|                         | .6    | 4.1      | 18.8        | 35.5     | 28.9        | 10.2     | , 9         |          |             |          |     | 100.0 | 14,8                  |

TOTAL NUMBER OF OBSERVATIONS

DATA PRICESSING RANCH ETAC/USAF AIR FATHER HERVICE/HAC

2

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 216:14<br>STATION | 100                     | N5T-IN 1                                       | SLAND/             | PACIFI      | CIS     | 15 45=71    |             |             |          |             |             |             |           | ,F.C                  |  |
|-------------------|-------------------------|--|--------------------|-------------|---------|-------------|-------------|-------------|----------|-------------|-------------|-------------|-----------|-----------------------|--|
| STATION           |                         |  |                    |             |         |             | YEARS       |             |          |             |             |             | 060G=0800 |                       |  |
|                   |                         | _  | ALL WEATHER  CLASS |             |         |             |             |             |          |             |             |             |           | (L.S.T.)              |  |
|                   |                         | -  | CONDITION          |             |         |             |             |             |          |             |             |             |           |                       |  |
|                   | SPEED<br>(KNTS)<br>DIR. | 1 · 3  | 4 · 6              | 7 - 10      | 11 - 16 | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40  | 41 - 47     | 48 - 55     | ≥56         | %         | MEAN<br>WIND<br>SPEED |  |
|                   | N                       |  | . 4                | • 2         | .4      | • 1         |             |             |          |             |             |             | 1.6       | 10.3                  |  |
|                   | NNE                     | .1   | . 3                | . 8         |         | , 8         |             | • 1         | .1       |             | 1           |             | 4.2       | 14,5                  |  |
|                   | NE                      |  | .6                 | 2.2         | 5.1     | 4,7         | 2,8         | . 1         |          |             | i           |             | 15.5      | 16.2                  |  |
|                   | ENE                     |  | .7                 | 4.4         |         | 10.5        | 3.9         | . 2         | . 1      |             |             |             | 30.5      | 16.0                  |  |
|                   | Ę                       | , 3  | . 9                | 5.5         | 12.9    | 9,6         | 1.9         | • 1         |          |             | <u> </u>    |             | 31.1      | 14.7                  |  |
|                   | ESE                     |  | .1                 | 2.1         | 3,4     | 1.6         |             | . 1         |          |             | 1           |             | 7.4       | 13.5                  |  |
|                   | SE                      |  | - 1                | 1.0         |         | , 1         | •1          | • 1         |          |             | 1           | 1           | 2,2       | 12,2                  |  |
|                   | SSE                     |  | 1                  | . 5         | . 2     | , 4         | 1           |             |          |             |             |             | 1.4       | 13.3                  |  |
|                   | S                       |  | 1                  |             | . 4     | 1           | . 1         |             |          |             |             |             | 1.0       |                       |  |
|                   | ssw                     | <u>L</u>                                       | , 2                | . 2         | ,2      | 1           | 1           | • 1         |          |             |             |             | . 9       | 13,2                  |  |
|                   | SW                      |  |                    | 1           | , 2     | 1           | 2           | • 1         |          |             |             | 1           | , 9       | 14.1                  |  |
|                   | wsw                     | ال   | 2                  |             | 3       |             |             | . 1         |          |             |             |             | .7        | 12.7                  |  |
|                   | w                       | <u> i                                     </u> | 1                  | 1           |         | - 1         | . 1         |             |          |             |             |             | . 3       | 12,2                  |  |
|                   | WNW                     |  |                    | - 1         |         |             | 1           |             |          |             |             |             | . 2       | 13.7                  |  |
|                   | NW                      |  |                    | 2           |         |             |             |             |          |             |             |             | . 4       | 7,2                   |  |
|                   | NNW                     | <u> </u>                                       | 3                  | 5           | . 1     | . 2         |             |             |          |             |             |             | 1.0       | 9.4                   |  |
|                   | VARBL                   | L  |                    |             |         |             |             |             |          |             |             |             |           |                       |  |
|                   | CALM                    | $\geq \leq$                                    | $\geq \leq$        | $\geq \leq$ |         | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\times$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | . 7       |                       |  |
|                   | I                       | 1 -  | l                  |             |         |             |             |             |          |             |             |             | _         |                       |  |

USAFETAC  $\frac{\text{form}}{\text{JUL 64}}$  0-8-5 (OL-1) previous editions of this form are obsolete

TOTAL NUMBER OF OBSERVATIONS

1699

CATA PROCESSING BRANCH FTAC/USAF AIR FEATTER SERVICE/MAC

2

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JOHNSTON ISLAND/PACIFIC IS | 45-71     | UEC            |
|---------|----------------------------|-----------|----------------|
| STATION | STATION NAME               | YEARS     | MONTH          |
|         | ALL                        | WEATHER   | 0900-1100      |
|         |                            | CLASS     | HOURS (L.S.T.) |
|         |                            |           |                |
|         |                            | CONDITION |                |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40  | 41 - 47 | 48 - 55     | ≥ 56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|----------|---------|-------------|------|-------|-----------------------|
| N                       |       | . 4   | . 5    | .6      | - 1     |         |         |          |         |             |      | 1.5   | 10.                   |
| NNE                     | .1    | . 2   | . 6    | . 9     | 9       | 6       |         |          |         |             |      | 3.4   | 15,                   |
| NE                      |       | . 2   | 1.7    | 5.2     | 4,7     | 3.0     | . 1     |          |         |             |      | 15.0  | 16,                   |
| ENE                     | . 1   | . 8   | 3.6    | 12.1    | 10.7    | 3,4     | .1      |          |         |             |      | 30,9  | 15.                   |
| E                       |       | .7    | 4.6    | 14.4    | 8,6     | 2,2     | • 1     |          |         |             |      | 30.6  | 14.                   |
| ESE                     | 1     | . 5   | 2.1    | 4.2     | 1.2     | . 2     | .1      |          |         |             |      | 8,4   | 13,                   |
| SE                      | .1    | - 1   | . 8    | , 9     | . 4     | • 2     |         |          |         |             |      | 2,5   | 13,                   |
| SSE                     | . 1   | . 2   | . 3    | . 4     | . 4     | . 1     |         |          |         |             |      | 1,5   | 12,                   |
| S                       | . 1   | . 4   | . 3    |         |         | . 1     |         |          |         |             |      | 1.4   | 10,                   |
| ssw                     |       | . 1   | . 4    | . 3     | . 1     |         |         |          |         |             |      | 1,2   | 13,                   |
| sw                      |       | . 2   | . 2    | 4       |         | 1       |         |          |         |             |      | . 9   | 13,                   |
| wsw                     | . 1   |       | 1      |         | . 2     |         |         |          |         |             |      | ,6    | 13,                   |
| w                       |       | . 2   |        | . 3     |         |         |         |          |         |             |      | , 5   | 11,                   |
| WNW                     |       | 1     | 1      | . 1     |         |         |         |          |         |             |      | , 2   | 8,                    |
| NW                      |       | 1     | . 2    | 1       |         |         |         |          |         |             |      | . 4   | 8,                    |
| NNW                     |       | . 2   | . 2    | 1       |         |         |         |          |         |             |      | . 5   | 7,                    |
| VARBL                   |       |       |        |         |         |         |         |          |         |             |      |       |                       |
| CALM                    | ><    | ><    | ><     | ><      | ><      | ><      | ><      | $\geq <$ | ><      | $\supset <$ | ><   | .7    |                       |
|                         | . 5   | 4.5   | 15.7   | 40.7    | 27.4    | 10.0    | . 5     | .1       |         |             |      | 100.0 | 14.                   |

TOTAL NUMBER OF OBSERVATIONS

1697

USAFETAC  $\frac{\text{FORM}}{\text{JUL-64}}$  0-8-5 (OL-1) previous editions of this form are obsolete

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PATA PRUCESSING ERANCH FTAC/USAF AIR MEATHER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JUHNSTON ISLAND/PACIFIC IS | 45-71            | UEC                         |
|---------|----------------------------|------------------|-----------------------------|
| STATION | STATION NAME               | YEARS            | MONTH                       |
|         |                            | NEATHER<br>CLASS | 1200-1400<br>HOURS (L.S.T.) |
|         | cc                         | ONDITION         |                             |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4-6      | 7 - 10 | 11 - 16 | 17 - 21  | 22 - 27  | 28 - 33 | 34 - 40  | 41 - 47 | 48 - 55    | ≥56 | *     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|----------|--------|---------|----------|----------|---------|----------|---------|------------|-----|-------|-----------------------|
| N                       | . 2   | . 3      | .6     | 1.0     |          |          |         |          |         |            |     | 2.1   | 9.                    |
| NNE                     |       |          | . 9    | 1.7     | 1.2      | . 4      | .1      |          |         |            |     | 4.4   | 15.                   |
| NE                      |       | . 4      | 2.0    | 4.9     | 4,9      |          | • 1     |          |         |            |     | 14.3  | 16.                   |
| ENE                     |       | .3       | 3.7    | 10.7    | 11.2     | 2.7      | •1      |          |         |            |     | 28,6  | 12.                   |
| E                       | . 1   | , H      | 5.2    | 15.2    | 8.9      | 2.1      | • 1     |          |         |            |     | 32.4  | 14.                   |
| ESE                     |       | .5       | 2.1    | 2,9     | 1.3      | . 2      | .1      |          |         |            |     | 7.1   | 13,                   |
| SE                      | .1    | • 1      | . 8    | 1.4     | . 2      | . 2      |         |          |         |            |     | 2.8   | 12.                   |
| SSE                     | . 1   | . 1      | .2     |         | .3       | • 1      |         | .1       |         | 1          |     | 1.5   | 14.                   |
| \$                      |       | , 3      | . 2    | . 3     | . 2      | • 1      |         |          |         |            |     | 1.1   | 11                    |
| ssw                     |       | .1       | . 3    | . 3     | , 2      | .3       |         | . 1      |         |            |     | 1.3   | 17                    |
| SW                      |       | . 2      | .2     | . 2     | .1       | • 1      |         |          |         |            |     | . 8   | 11                    |
| wsw                     |       | • 1      |        | . 4     | . 2      | • 1      |         |          |         |            |     | . 8   | 14                    |
| w                       |       | • 1      | . 1    | . 3     |          |          |         |          |         |            |     | . 5   | 10.                   |
| WNW                     | . 1   | . 2      | . 1    | . 1     | .1       | • 1      |         |          |         |            |     | .6    | 9                     |
| NW                      |       | , 2      | . 2    |         | . 1      | • 1      |         |          |         |            |     | .6    | 11                    |
| NNW                     |       | - 1      | . 2    | .1      |          |          |         |          |         |            |     | . 4   | 9                     |
| VARBL                   |       |          |        |         |          |          |         |          |         |            |     |       |                       |
| CALM                    |       | $\geq <$ | > <    | ><      | $\times$ | $\times$ | > <     | $\times$ | > <     | $\searrow$ | ><  | .7    |                       |
|                         | . 5   | 3.8      | 16.8   | 40.2    | 28,9     | 8.4      | , 5     | . 2      |         |            |     | 100.0 | 14                    |

TOTAL NUMBER OF OBSERVATIONS

1697

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SATA PROCESSING BRANCH ETAC/USAF 2 AIR VEATHER SERVICE/MAC

### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| <u> </u>                | I MITCH      | SLANO/I  | PACIFI | C IS    |         | 45      | -71     | <del></del> | KARS    |             |        |       | ) E C                 |
|-------------------------|--------------|--|--------|---------|---------|---------|---------|-------------|---------|-------------|--------|-------|-----------------------|
|                         |              |  |        |         | ALL W   | FATHER  |         | •           |         |             |        |       | 0 <u>-1</u> 700       |
|                         | _            |  |        |         | CI CI   | EATHER  |         |             |         |             |        | HOURS | (L.S.T.)              |
|                         | _            | <del></del>                                      |        |         | CON     | DITION  |         |             |         |             |        |       |                       |
|                         | _            |  |        |         |         |         |         |             |         |             |        |       |                       |
| SPEED<br>(KNTS)<br>DIR. | 1 - 3        | 4-6  | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40     | 41 - 47 | 48 - 55     | ≥56    | %     | MEAN<br>WIND<br>SPEED |
| N                       |              | . 2  | . 4    | .6      | . 3     |         |         |             |         |             |        | 1.7   | 12.2                  |
| NNE                     | 1            | ذ و  | 9      |         | 1.1     | . 3     | . 2     |             |         |             |        | 4,9   | 14.0                  |
| NE                      | <u></u>      |  | 1.7    | 5.6     | 6,1     | 2.0     | , 3     |             |         |             |        | 16,1  | 16.5                  |
| ENE                     | 1            | 6  | 4.7    | 10.9    |         | 2.1     | . 2     |             |         |             |        | 29,6  | 15.3                  |
| E                       | -1           |  | 4.9    | 14.1    | 8,6     | 1.8     |         |             |         |             |        | 30.6  | 14.6                  |
| ESE                     |              | 3  | 1.6    | 2.5     | 1.2     | . 3     |         |             |         |             |        | 6,0   | 13.6                  |
| SE                      | 1            | - 5  |        | 1.2     | 2       | . 2     |         |             |         |             |        | 3,2   | 11,1                  |
| SSE                     | <del></del>  | - 2  |        |         | 2       |         |         |             |         | ļ. <u> </u> |        | 1,1   | 11,1                  |
| s                       | <b> </b>     | - 2  | .5     | - 4     |         | 2       |         |             |         | ļ           |        | 1,4   | 12.0<br>15.8<br>14.7  |
| ssw                     | ļ            |  |        | . 4     |         | 2       |         |             |         |             |        | 1,2   | 13.8                  |
| \$W                     | <u> </u>     | <del>  </del>                                    | 2      | . 2     |         |         |         | 1           |         | <b> </b>    |        | .6    | 14,7                  |
| wsw                     | <del> </del> | 4  |        | - 2     |         |         |         |             |         |             |        | 6     | 1304                  |
| WNW                     | - 2          |  |        | . 5     | 1       |         |         |             |         |             |        | . 9   | 15,2<br>12,4<br>7,7   |
| NW                      |              |  |        |         |         |         |         |             |         |             |        | . B   | - 4.4                 |
| HNW                     |              | <del>                                     </del> | . 2    |         |         |         |         |             |         |             |        | . 6   | 7,3<br>8,6            |
| VARBL                   |              |  |        | 1       |         |         |         |             |         | <u>-</u>    |        |       | 0,0                   |
| CALM                    |              |  | >      |         | >       |         |         |             | > <     |             | $\sim$ | .5    |                       |
|                         | . 7          | 4.7  | 17.8   | 39.0    | 29.0    | 7.6     | . 9     | .1          |         |             |        | 100.0 | 14.6                  |

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SATA PROCESSING RANCH FTAC/USAF AIR FEATHER SERVICE/MAC

### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603   | JUMNSTON ISLAND/PACIFI | IC IS 45=71 | t. <b>E C</b>  |
|---------|------------------------|-------------|----------------|
| STATION | STATION NAME           | YEARS       | MONTH          |
|         |                        | ALL WEATHER | 1800-2000      |
|         | <del></del>            | CLASS       | HOURS (L.S.Y.) |
|         | •                      |             |                |
|         | <del></del>            | CONDITION   | <del></del>    |

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27  | 28 - 33  | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | %                                     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|----------|----------|---------|---------|---------|------|---------------------------------------|-----------------------|
| N                       | _     | .5    | . 5    | . 5     | . 2     | •1       |          |         |         |         |      | 1.7                                   | 10                    |
| NNE                     |       | . 4   | . 9    | 1.8     | 1.3     | . 8      | . 1      |         |         |         |      | 5.2                                   | 15                    |
| NE                      | . 1   | . 2   | 2.0    |         | 6.2     | 2,8      | . 2      | . 1     |         |         |      | 16.7                                  | 17                    |
| ENE                     | . 1   | .7    | 3,8    | 12.2    | 10.9    |          | , 3      |         |         |         |      | 30.5                                  | 15                    |
| E                       | . 1   | 1.1   | 4.9    |         | 9.2     | 2,3      | • 1      |         |         |         |      | 29.4                                  | 14                    |
| ESE                     |       | . 5   | 1.9    | 2.9     | 1.2     | .3       |          |         |         |         |      | 6.8                                   | 13                    |
| SE                      |       | .7    | ,6     |         | . 1     | • 1      |          |         |         |         |      | 2.1                                   | 9                     |
| SSE                     |       | . 2   | .3     | .6      | . 3     | .2       |          |         |         |         |      | 1.6                                   | 14                    |
| s                       |       | • 1   | . 2    | . 4     | . 4     | • 1      |          |         |         | ·       |      | 1.1                                   | 14                    |
| ssw                     |       | • 1   | .1     | . 2     | . 2     | • 1      | . 3      |         |         | T -     |      | . 9                                   | 20                    |
| sw                      | . 1   |       | .1     | .2      |         |          |          |         |         |         |      | . 5                                   | 10                    |
| wsw                     |       | . 1   | .3     | .2      | . 1     |          |          |         |         |         |      | .7                                    | 11                    |
| w                       | - 1   |       | . 2    |         |         |          |          |         |         |         |      | .6                                    | 10                    |
| WNW                     |       | . 1   | - 1    | . 2     | - 1     | • 1      |          |         |         |         |      | . 5                                   | 12                    |
| NW                      | - 1   | . 2   | . 2    |         |         |          |          |         |         |         |      | . 5                                   | 6                     |
| NNW                     | . 1   | .1    | . 2    | . 1     |         |          |          |         |         |         |      | . 5                                   | 7                     |
| VARBL                   |       |       |        |         |         |          |          |         |         |         |      | · · · · · · · · · · · · · · · · · · · |                       |
| CALM                    |       | >     | > <    | >       | ><      | $\times$ | $\times$ | > <     | > <     |         | ><   | .7                                    |                       |
|                         | . 6   | 4.9   | 16.2   | 37.1    | 30.1    | 9.3      | . 9      | .1      |         |         |      | 100.0                                 | 14                    |

TOTAL NUMBER OF OBSERVATIONS

1699

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCH ETACZUSAR AIR FEAT ER SERVICE/MAC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

| 21603 | <u> </u>                | 45 THN 1 | SLAND/ | MAHE        | CIS         |             | 45          | -71         |         | YEARS   |             |          |             | PEC                   |
|-------|-------------------------|----------|--------|-------------|-------------|-------------|-------------|-------------|---------|---------|-------------|----------|-------------|-----------------------|
|       |                         |          |        |             |             | ALL W       | EATHER      |             |         | -       |             |          |             | 2300                  |
|       |                         | _        |        |             |             | Ci          | ASS         |             |         |         |             |          | HOURS       | (L.S.T.)              |
|       |                         | _        |        |             |             |             |             |             |         |         |             |          |             |                       |
|       |                         |          |        |             |             | COM         | DITION      |             |         |         |             |          |             |                       |
|       |                         | n 1      |        |             |             |             |             |             |         | ,       |             |          | <del></del> |                       |
|       | SPEED<br>(KNTS)<br>DIR. | 1 - 3    | 4 - 6  | 7 - 10      | 11 - 16     | 17 - 21     | 22 - 27     | 28 - 33     | 34 - 40 | 41 - 47 | 48 - 55     | ≥56      | %           | MEAN<br>WIND<br>SPEED |
|       | N                       |          | .4     | • 7         | . 3         | , 3         | • 1         |             |         |         |             |          | 1.9         | 10.3                  |
|       | NNE                     |          | . 2    | . 6         | 1.1         | 1.2         | 5           | 1           |         |         |             |          | 4,1         | 15.2<br>16.2          |
|       | NE                      |          | 7      | 2.5         | 5.4         | 5.9         | 2,9         | . 1         |         |         |             |          | 17.5        | 16.2                  |
|       | ENE                     | . 2      | . 9    | 3.2         | 10.4        | 10.7        |             | . 4         |         |         |             |          | 29.9        | 16.3                  |
|       | E                       |          | . 6    | 4.8         | 13.6        | 9.1         | 2.3         | • 1         |         |         |             |          | 30.5        | 15.0                  |
|       | ESE                     |          | . 3    | 1.6         | 3.7         | 1,5         | . 4         |             |         |         |             |          | 7,5         | 13,6                  |
|       | SE                      | 1        | 1      | . 5         | .5          | . 2         | . 2         |             |         |         |             |          | 1.5         | 13,1                  |
|       | SSE                     | 1        | 1      | . 2         | . 6         | . 2         | - 1         | . 1         |         |         |             |          | 1.3         | 14.4                  |
|       | S                       |          | . 2    | . 4         | . 2         | 1           | . 1         |             |         |         |             |          | 1.0         | 11,2                  |
|       | ssw                     |          |        | . 2         | . 1         | - 1         | .1          |             | 1       |         |             |          | . 7         | 19.8                  |
|       | sw                      |          | . 2    | - 4         | . 2         | . 2         | . 2         |             |         |         |             |          | 1.2         | 13,0                  |
|       | wsw                     | . 1      | . 1    | - 1         | . 1         |             |             |             |         |         |             |          | . 4         | 7,8                   |
|       | w                       |          | 2      | .1          | - 1         |             | • 1         |             |         |         | T           |          | . 5         | 10.4                  |
|       | WNW                     |          |        | . 2         |             |             |             |             |         |         |             |          | .4          | 7,6                   |
|       | NW                      |          |        |             |             | 1           |             |             |         |         |             |          | . 4         | 10.2                  |
|       | NNW                     | . 1      | . 1    | . 2         | . 1         |             |             |             |         |         |             |          | . 5         | 8,3                   |
|       | VARBL                   |          |        |             |             |             |             |             |         |         |             |          |             |                       |
|       | CALM                    | ><       | $\geq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq \leq$ | $\geq$  | X       | $\geq \leq$ | $\times$ | . 8         |                       |
|       |                         | 7        | 4.2    | 10.3        | 36.6        | 29.5        | 11.0        | . 8         |         |         |             |          | 100,0       | 15,1                  |

TOTAL NUMBER OF OBSERVATIONS 1696

USAFETAC FORM (1-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BATA PRINTSSTEE PRANTH

2

STAC /USAL ER SELVICE / 4C

### SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2100 STATION AND PACIFIC IS INSTRUMENT CIG 200 TO 1400 FT W/ VSBY 1/2 MI DR MORE, AND/UR VSRY 1/2 TO 2-1/2 MT W/CTG 200 FT OR MURI

| SPEED<br>(KNTS)<br>DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | %     | MEAN<br>WIND<br>SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|-----|-------|-----------------------|
| N                       |       | . 3   | . 4    | 1.0     | . 3     | . 3     | . 1     | • 1     |         |         |     | 2.5   | 14.                   |
| NNE                     |       | . 3   | . 4    | 1.9     | 1,0     |         |         | . 1     |         |         |     | 4.0   | 14,                   |
| NE                      | . 1   | . 3   | 1.2    | 3.8     | 2.8     |         | . 3     | , 3     |         |         |     | 9.9   | 16,                   |
| ENE                     |       | • 1   | 2.3    | 9.0     | 7.5     | 3.6     | 1.0     | . 2     |         |         |     | 23.8  | 17.                   |
| E                       |       | .5    | 3.6    | 10.9    | 8.4     | 3.2     | . 5     |         |         |         |     | 27.1  | 16.                   |
| ESE                     | . 1   | , 3   | 1.5    | 4.4     | 3.2     | 1.8     | . 3     |         |         |         |     | 11.5  | 16                    |
| SE                      |       | .3    | 1.1    | 2.6     | . 8     | , 6     | • 1     |         |         |         |     | 5.7   | 14                    |
| SSE                     | . 2   | .5    | .7     | 1.1     | , 5     | , 4     | . 1     | • 1     |         | ****    |     | 3.6   | 13                    |
| S                       |       | . 3   | . 3    | 1.0     | , 3     | . 2     | . 2     | . 2     | • 1     |         |     | 2.6   | 16                    |
| ssw                     |       | . 2   | . 4    | .6      | . 1     | . 1     | . 1     |         |         |         |     | 1.5   | 12                    |
| sw                      |       | . 1   | , 2    | , 3     | , 2     | , 3     | . 1     |         |         |         |     | 1.2   | 16                    |
| wsw                     | . 1   |       | . 3    | . 2     | . 3     | . 1     |         |         |         |         |     | 1.7   | 13                    |
| w                       |       | . 3   | . 2    | . 3     |         | • 1     |         |         |         |         |     | . 9   | 10                    |
| WNW                     | . 1   | . 2   | , 3    | . 4     |         | , 1     |         | . 1     |         |         |     | 1.3   | 12                    |
| NW                      |       |       | . 3    | . 6     | . 1     | .1      |         |         |         |         |     | 1.7   | 14                    |
| NNW                     |       |       | . 3    | .6      | , 4     | .1      | . 1     |         |         |         |     | 1.6   | 14                    |
| VARBL                   |       |       |        |         |         |         |         |         |         |         |     |       |                       |
| CALM                    | ><    | ><    | > <    | ><      | > <     | > <     | > <     | > <     | > <     | ><      | > < | •6    |                       |
|                         | .6    | 3.8   | 13.7   | 38.9    | 25,9    | 12.6    | 2,9     | 1.0     | . 1     |         |     | 100.0 | 15                    |

TOTAL NUMBER OF OBSERVATIONS

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0.8.5 (OL·1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

### PART D

### CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than PC,OCO feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 5. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING          |      |        |     |     |      |         | VIS  | BILITY (ST | IATUTE IAI | LES)   |       |       |          |               |        |         |
|------------------|------|--------|-----|-----|------|---------|------|------------|------------|--------|-------|-------|----------|---------------|--------|---------|
| (FEFT)           | ≥ 10 | ≥ 6    | ≥ 5 | ≥ 4 | ≥ 3  | ≥ 2 1/2 | ≥ 2  | ≥ 11/2     | 21%        | ≥ ;    | ≥ 3/4 | ≥ 1/1 | ≥ %      | ≥ 5/16        | ≥ ¼    | ] ≥ 0   |
| NO CEILING       |      |        |     |     |      |         |      |            |            |        |       |       |          | <del> </del>  |        |         |
|                  |      | $\sim$ |     |     |      |         |      |            |            | $\sim$ |       |       |          | $\overline{}$ | $\sim$ |         |
| ≥ 1800<br>≥ 1500 |      |        |     |     | 51.0 |         |      |            |            |        |       |       |          |               |        | 72.4    |
| ≥ 1200<br>≥ 1000 |      |        |     |     |      |         |      |            |            |        |       |       |          |               |        | <u></u> |
| > 700<br>≥ 800   |      |        |     |     |      |         |      |            |            |        |       |       |          |               |        |         |
| ≥ 700<br>≥ 600   |      |        |     |     |      |         |      |            |            |        |       |       |          |               |        |         |
| ≥ 300<br>≥ 400   |      |        |     |     | -    |         |      |            |            | 97.4   |       |       |          | <del>-</del>  |        | 91.1    |
| ≥ 300<br>≥ 200   |      |        |     |     |      |         |      |            |            |        |       |       |          |               |        | ļ       |
| ≥ 100            |      |        |     |     | 95.4 |         | 96.9 |            |            | 98.3   |       |       | <u> </u> | ~=            |        | 100.    |

EXAMPLE # 1. Read ceiling values independently of visibility under column at right headed  $\geq$  0. For instance, from the table: Ceiling  $\geq$  1500 feet = 92.6%. Ceiling  $\geq$  500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite \( \gamma \)0. From the table: Visibility \( \gamma \)3 miles = 95.4%. Visibility \( \gamma \)2 miles = 96.9%. Visibility \( \gamma \)1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

#### ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, subtracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq$  500 feet with visibility  $\geq$  1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with visibility  $\geq$  1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

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# CEILING VERSUS VISIBILITY

S. MAL & ISTRUMBAN AND IEIC 12

48-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                    |                      |              |              | ,                    |                      |              | VIS          | BILITY IST           | ATUTE MIL | ES:                  |              |              |              | <del>-</del>         |              |                       |
|----------------------------|----------------------|--------------|--------------|----------------------|----------------------|--------------|--------------|----------------------|-----------|----------------------|--------------|--------------|--------------|----------------------|--------------|-----------------------|
| FEET                       | ≥10                  | ≥6           | ≥5           | ≥ 4                  | ≥3                   | ≥2';         | ≥ 2          | ≥1"2                 | ≥1'4      | ≥1                   | ≥ ⅓          | ≥ 5/8        | ≥ખ           | ≥ 5 16               | ≥ ¼          | ≥0                    |
| NO CEILING<br>≥ 20000      | 7.1<br>7.1           | 71.1         | 50.5         | 71.2                 | 60.5<br>71.2         | 60.5         | 71.2         | 60.5                 | 60.5      | 60.5<br>71.2         | 60.5<br>71.2 | 60.3         | 70.5         | 60.5<br>71.2         | 60.5         | 60.5<br>71.2          |
| ≥ 18000<br>≥ 16000         | 7.8                  | 71.8         | 71.5         | 71.9                 | 71.2                 | 71.5         | 71.5         | 71.5<br>71.9         | 71.5      | 71.5                 | 71.5<br>71.9 | 71.5<br>71.9 | 71.5         | 71.5<br>71.9         | 71.5<br>71.9 | 71.5                  |
| ≥ 14000<br>≥ 12000         | 38.9<br>71.2         | 73.1<br>75.5 | 73.1         | 75.6                 |                      | 73.1         | 73.1         |                      | 73.1      |                      | 73.1<br>75.6 | 73.1<br>75.6 | 73.1         |                      | 73.1<br>75.6 |                       |
| ≥ 10000<br>≥ 9000          | 74.1                 | 78.6<br>80.5 | 78.8         | 60.6                 |                      | 78.9         | 18.9<br>80.6 |                      | 78.9      |                      | 80.6         | 78.9         | 78.9<br>80.6 |                      |              |                       |
| ≥ 8000<br>≥ 7000<br>≥ 6000 | 77.7<br>78.8<br>79.4 | 82.7<br>83.8 | 84.0         | 82.8<br>84.0         | 84.0                 | 82.9<br>84.0 | 84.0         | 82.8<br>84.0<br>84.7 | 82.8      | 82.8<br>84.0<br>84.7 |              | 84.0         | 84.0         | 84.0                 | 82.8         | 84.0                  |
| ≥ 5000<br>≥ 5000<br>≥ 4500 | °0.9                 | 66.2         | 84.6         | 86.4                 | 86.4<br>87.2         | 86.4         | 80,5         |                      | 86.5      |                      | 86.5         | 84.7         | 84.7         | 34.7<br>86.5<br>87.3 | 86.5<br>87.3 |                       |
| ≥ 4000<br>≥ 3500           | 0.6<br>المرود        | 2A 5         | 83.7         | 88.7                 | 88.8                 | 89.8         | 88.8         | _ ` _                | 88.8      | 86.8                 |              | 88.8         | 88.8         | 88.8                 | 88.8         | 88,8                  |
| ≥ 3000<br>≥ 2500           | 0.2                  | 90.3         | 70.6         |                      | 90.7                 | 90.7         | 90.7         | 90.7                 | 90.7      | 90.7                 | 90.7         | 90.7         | 90.7         | 90.7                 | 90.7         | 90.3                  |
| ≥ 2000                     | 50.9                 | 96.3         | 96.6         | 96.7                 |                      | 96.8         | 96.9         | 97.0<br>98.3         | 97.0      | 97.0                 | 97.0<br>98.3 | 97.0         | 97.0         | 97.0                 | 77.0<br>98.4 |                       |
| ≥ 1500<br>≥ 1200<br>≥ 1000 | 21.5                 | )l           | 98.9         | 99.1                 | 99.3                 | 99.1         | 99.5         | 99.5                 | 99.3      | 99.4                 |              | 99.4         |              |                      |              | 99.6                  |
| ≥ 900<br>≥ 800             | 91.5                 |              | 99.0         | 99.2                 | 99.4                 | 99.4         | 99.6<br>99.6 | 99.7<br>99.7         | 99.7      | 99.8                 |              | 99.8         | 99.8         | 99.8                 | 99.8         | 99.8                  |
| ≥ 700<br>≥ 600             | 91.6<br>91.6         | 98.4         | 99.1<br>99.1 | 99.2<br>99.2<br>99.3 | 99.5<br>99.5<br>99.5 | 99.5         | 99.7         | 99 A                 | 99.7      | 99,9                 | 99.9         | 99.9         | 99.9         | 99.9                 | 99.9<br>99.9 | 99.9<br>99.9<br>100.0 |
| ≥ 500<br>≥ 400             | 91.0                 | 98.6         | 99.1         | 99.3                 | 99.5                 | 99.5         | 99.7         | 99.8<br>99.8         | 99.8      | 99.9                 | 99.9         | 99.9         | 100.0        | 100.0                | 100.0        | 100.0                 |
| ≥ 300<br>≥ 200             | 91.0                 | 94.6         | 99.1         | 99.3                 | 99.5                 | 99.5         | 99.7         | 99.8                 | 99.8      | 99,9                 | 99,9         | 99.9         | 100.0        | 100.0                | 100.0        | 100.0                 |
| ≥ 100<br>≥ 0               | 91.6                 | l            | 99.1         | 99,3<br>99,3         |                      | 99.5         | 99.7         | 99.8<br>99.8         | 99.8      | 99,9                 |              |              |              | 100.0<br>100.0       |              |                       |

TOTAL NUMBER OF OBSERVATIONS 136174

USAF ETAC  $^{60RM}_{\rm JUL\,64}$  0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRICESSING FRANCS SSAF ETAC WIR EATHER ERVICEY IC

# CEILING VERSUS VISIBILITY

216 ... 7

JU N T N ISLAM /PACIFIC 15

49-74

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |              |              | _            |              |              | -            | VIS          | BILITY (ST   | ATUTE MILI   | ES)          | -                 |              |              |              |              |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥21/2        | ≥ 2          | ≥1'2         | ≥1′4         | ≥1           | ≥ 1, <sub>d</sub> | ≥ 5/8        | ≥ 1/2        | ≥ 5 · 16     | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000 | 13.2         | 66.1         | 66.1         | 66.1         | 66.1         | 67.5         | 66.1         | 67.5         | 67.5         |              | 67.5              |              |              | 66.1         |              | 66.1         |
| ≥ 18000<br>≥ 16000    | 54.5         | 67.6         | 67.6         | 67.6         | 67.6         | 67,6         | 67.6         | 67.6         | 67.6         | 67.6         | 67.6              | 67.5         | 67.6         | 67.6         | 67.6         |              |
| ≥ 14000<br>≥ 12000    | 05.9         | 69.4         | 68.1<br>59.4 | 09.4         | 69.4         | 69.4         |              | 68.1         | 69.4         |              |                   |              |              | 69.4         |              | 69,4         |
| ≥ 10000<br>≥ 9000     | 57.6<br>70.3 | 71.7<br>74.6 | 71.7         |              | 71.7         | 71.7         | 71.7         | 71.7         | 71.7         | 71.7         | 74.7              |              | 71.7<br>74.7 | 71.7<br>74.7 | 71.7<br>74.7 |              |
| ≥ 8000<br>≥ 7000      | 72.1<br>73.3 | 76.6<br>78.0 |              | 76.7<br>78.1 | 76.7         | 76.7<br>78.2 | 76.7<br>78.2 | 76.7         | 76.7<br>78.2 | 78.2         |                   | 76.7         | 76.8         | - 1          | 76.0<br>78.2 |              |
| ≥ 6000<br>≥ 5000      | 74.0         | 78.9         | 79.0         | 79.0<br>81.4 | 79.1<br>81.5 | 79.1         | 79.1<br>81.5 | 79.1<br>81.5 | 79.1<br>81.5 | 79.1<br>31.5 |                   | 79.1<br>81.5 | 79.1<br>81.5 |              | 79.1<br>81.5 | 1            |
| ≥ 4500<br>≥ 4000      | 77.3         | 82.5         | 82.7<br>55.2 | 82.7         | 82.8         | 85.3         | 82.8         |              |              |              |                   |              | 82.8<br>85.4 |              | 82.8         |              |
| ≥ 3500<br>≥ 3000      | 1.3          | 86.8<br>88.7 | 87.0<br>88.9 |              | 87.2         | 87.2         | 87.2         | 87.2         | 87.2         | 87.2         |                   | 87.2         | 87.2<br>89.3 |              |              |              |
| ≥ 2500<br>≥ 2000      | 4.9          | 90.7         |              |              | 91.1         | 91.1         | 91.2         | 91.2         | 91.2         | 91.2         |                   | 96.3         | 91.3         | 91.3         | 91.3         | 1            |
| ≥ 1800<br>≥ 1500      | 9.8<br>50.4  | 95.5         | 90.9         |              | 97.3         | 97.3         | 97.5         | 97.5<br>98.7 | 97.5<br>93.7 | 97.5<br>98.8 |                   |              |              |              |              | 97.6<br>98.3 |
| ≥ 1200<br>≥ 1000      | 90.5<br>90.0 | 97.7         | 98.2<br>98.3 |              | 98.8         | 98.0         | 99.0         | 99.1         | 99.1         | 99.2         |                   |              |              |              |              | 99.2         |
| ≥ 900<br>≥ 800        | 90.7         | 97.8<br>97.9 | 98.4<br>98.4 |              | 99.1         | 99.1         | 99.3         | 99.5         |              | 99.6<br>99.8 | ~ "               |              |              | 99.7         |              | 99.7         |
| ≥ 700<br>≥ 600        | 70.7<br>90.7 | 97.9         | 98.4         | 98.7         | 99.2         | 99.2         | 99.4         | 99.6         |              | 99.8         | 99.8              |              | -            |              | 99.9         |              |
| ≥ 500<br>≥ 400        | 90.7         | 97.9         |              | ,            | 99.2         | 99.2         | 99.5         | 99.6         |              | 99.8         |                   |              | 100.0        |              | 100.0        |              |
| ≥ 300<br>≥ 200        | 70.7         | 97.9         |              |              | 99.2         | 99.2         | 99.5         | 99.6         | 99.6         |              | 99.8              |              | 100.0        |              | 100.0        |              |
| ≥ 100<br>≥ 0          | 90.7         | 97.9         | 98.4         | 98.7         | 99.2         | 99.2         | 99.5         | - •          | 99.6         | 99.8         | 99.8              | 99.8         | 100.0        | 100.0        | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

10912

USAF ETAC 19164 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING PRANCH USAF ETAG AIR MEATHER SELVICE/MAC

### **CEILING VERSUS VISIBILITY**

1

JUMESTON ISLAND/PACIFIC IS 49=72

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS T ST

| CEILING               |                    |              |              |              |              |              | VIS          | BILITY (ST   | ATUTE MILI   | ES)          |              |              |                                |                |                |                |
|-----------------------|--------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------------------|----------------|----------------|----------------|
| .FEÉT:                | ≥10                | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥21/2        | ≥ 2          | ≥11/2        | ≥1¼          | ≥1           | ≥ ⅓4         | ≥ 3/8        | ≥ %                            | ≥ 5/16         | ≥¼             | ≥0             |
| NO CEILING<br>≥ 20000 | 64.0<br>65.6       | 67.6         | -            | - •          |              |              | 67.6         | 1            | 67.6         |              |              | 67.6         | 67.6                           |                | 67.6           | 67.6           |
| ≥ 18000<br>≥ 16000    | 65.9               | 69.6         |              | 69.6         | 69.6<br>69.8 | 69.6         | 69.6         | 69.6         | 69.6         | 69.6         | 69.6         | 69.6         | 69.6                           | 69.6<br>59.8   |                | 69.5           |
| ≥ 14000<br>≥ 12000    | 69.0               | 70.4         | 70.4         | 70.4         | 70.4         | 7c.4         | 70.4<br>73.1 | 70.4         | 70.4         | 70.4         | 70.4         | 70.4         | 70.4                           | 70.4           | 70.4<br>73.1   | 70.4           |
| ≥ 10000<br>≥ 9000     | 71.0<br>73.1       | 75.2         | 75.2<br>77.4 | 75.2<br>77.4 | 75.2         | 75.2         | 75.3         | 75.3         | 75.3<br>77.4 | 75.3         | 75.3         | 75.3<br>77.4 | 75.3                           | 75.3           | 75.3<br>77.4   | 75.3<br>77.4   |
| ≥ 8000<br>≥ 7000      | 74.8               | 79.3         | 79.3         |              | 79.4         | 79.4         | 79.4         | 79.4         | 79.4         | 79.4         | 79.4         | 79.4         | 79.4                           | 79.4           | 79.4           | 79.4           |
| ≥ 6000<br>≥ 5000      | 76.3<br>78.2       | 80.9         |              | 81.0         | 81.1         | 81.1<br>83.1 | 81.1         | 81.1         | 91.1<br>83.1 | 81.1         | 81.1<br>33.1 | 81.1         | 83.1                           | 81.1<br>83.1   | 81.1<br>83.1   | 81.1           |
| ≥ 4500<br>≥ 4000      | 79.4               | 84.2         | 84.3         | 84.3         | 84.3         | 84.3         | 84.4         | 84.4         | 84.4         | 84.4         | 84.4         | 84.4<br>86.6 | 84.4                           | 84.4<br>86.6   | 84.4           | 84.4           |
| ≥ 3500<br>≥ 3000      | = 2 • 6<br>= 4 • 2 | 87.6<br>89.2 | 87.8<br>89.4 | 87.8<br>89.5 | 87.8         | 87.8         | 87.9         | 87.9         | 87.9         | 87.9<br>89.6 | 87.9         | 87.9<br>89.6 | 87.9                           |                |                |                |
| ≥ 2500<br>≥ 2000      | د بن.<br>و ريا     | 91.7         | ગ <b>ૄ.9</b> | 91.9<br>97.0 | 91.9         | 91.9         | 92.0<br>97.2 | 97.2         | 97.2         | 92.0<br>97.2 | 92.0         | 92.0         | 92.0                           | 92.0<br>97.2   | 92.0           | 92.0           |
| ≥ 1800<br>≥ 1500      | 72.4               | 98.0         | - 1          | 94.4<br>99.2 | 98.5         | 98.3         | 98.6         | 98.6<br>99.4 | 98.6<br>99.4 | 98.7<br>99.4 | 98.7<br>99.4 | 98.7         | 98.7                           | 98.7<br>99.5   | 98.7<br>99.5   | 98.7           |
| ≥ 1200<br>≥ 1000      | 92.4               | 98.7<br>98.8 | 99.2         | 99.3         | 99.5         | 99.5         | 99.6<br>99.7 | 99,6<br>99,8 | 99.6         | 99.6         | 99.7         | 99.7         | 99.7                           | 99.7           | 99.7           | 99.7<br>99.9   |
| ≥ 900<br>≥ 800        | 72.5<br>72.5       | 98.8<br>98.8 | 99.4         | 99.5         |              | 99.7         | 99.8         |              | 99.8         | 99.9         | 99.9         | 99.9         | 99.9                           | 99.9           |                | 99.9           |
| ≥ 700<br>≥ 600        | 92.5               | 98.8<br>98.8 | 99.4         | 99,5         | 99.7         | 99.7         | 99.8         | 99.B         | 99.8<br>99.8 | 99.9         | 99.9<br>99.9 | 99.9         | 99.9                           | 99.9           |                | 100.0          |
| ≥ 500<br>≥ 400        | 92.5               | 98.8         | 99.4         | 99.5<br>99.5 | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100 <b>.0</b><br>100 <b>.0</b> | 100.0<br>100.0 | 100.0<br>100.0 | 100.0          |
| ≥ 300<br>≥ 200        | 92.5               | 96.8<br>98.8 | 99.4         | 99.5         | 99.7         | 99.7         | 99.8         | 99,8         | 99.8         | 99.9         | 99,9         |              |                                | 100.0<br>100.0 | 100.0<br>100.0 | 100.0          |
| ≥ 100<br>≥ 0          | 52.5<br>92.5       | 98.8<br>98.8 |              | 99.5         | 99.7         | 99.7         | 99.8         | 99.8<br>99.8 | 99.8<br>99.8 | 99.9         | 99.9         | 99.9         | 100.0<br>100.0                 |                | 7 1 7 7 7      | 100.0<br>100.0 |

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

HATA PROBLISSING TRANCH VIN EATHER ENVIOLVING

# CEILING VERSUS VISIBILITY

JE INSTER ISLACION PACIFIC IS

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |                   |              |                      |              |              |              | VIS  | IBILITY :STA | ATUTE MIL    | ES           |              |              |              |              |              |              |
|-----------------------|-------------------|--------------|----------------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10               | ≥6           | ≥5                   | ≥4           | ≥ 3          | ≥2°;         | ≥ 2  | ≥1'2         | ≥114         | ≥1           | ≥ 1/4        | ≥ ⅓          | ≥ 1/2        | ≥ 5.16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000 | 59.0<br>63.3      |              | 60.7                 | 62.1         | 62.1         | 62.1         | 62.1 | 62.1         | 62.1         | 62.1         | 62.1         | 62.1         | 62.1         | 62.1         | 62.1         | 62.1         |
| ≥ 18000<br>≥ 16000    | 15 3 5<br>1 4 4 0 | 66.9         | 56.9                 | 67.0         | 67.0         | 67.0         | 67.0 | 67.0         | 67.5         |              | 67.0         | 67.0         | 67.0         | 67.C         | 67.0         | 67.c         |
| ≥ 14000<br>≥ 12000    | 54.6              | 1 - 1        | 68.0<br>70.1         | 68.1<br>70.1 | 68.1<br>70.1 | 68.1<br>70.1 | 68.1 | 68.1<br>70.1 | 68.1<br>70.1 | 68.1<br>70.1 | 68.1         | 68.1<br>70.1 | 68.1<br>70.1 | 68.1<br>70.1 | 66.1<br>70.1 | 69.1<br>70.1 |
| ≥ 10000<br>≥ 9000     | 09.1<br>71.4      | 77.1<br>75.5 | 73.2                 |              | 73.3         | 73.3         | 73.3 | 73.3<br>75.7 | 73.3         | 73.3<br>75.7 | 73.3<br>75.7 | 73.3         | 73.3<br>75.7 | 73.3         |              | 73.3         |
| ≥ 8000<br>≥ 7000      | 73.4              |              | 77.9                 | 76.0         | 78.0         | 79.3         | 78.0 | 78.0         | 78.0         | 78.0         | 78.0         | 78.0         | 78.0<br>79.3 |              |              | 78.C<br>79.3 |
| ≥ 6000<br>≥ 5000      | 15.2              | 8,18         | 80.1                 | 80.2         | 80.2         | 80.2         | 80.3 | 80.3<br>82.4 | 80.3         | 80.3         | 80.3<br>82.4 | 80.3         | 80.3         | 80.3         | 80.3<br>82.4 | 80.3<br>82.4 |
| ≥ 4500<br>≥ 4000      | 78.1<br>79.8      |              | 83.4<br>85.4         |              | 83.5<br>85.6 | 83.5<br>85.6 | 83.6 | 83,6         | 83.6         | 83.6         | 93.6         | 83.6         | 83.6         |              |              | 83.6<br>85.7 |
| ≥ 3500<br>≥ 3000      | 11.3              | 87.7         | 88,2                 |              | 97.2<br>88.4 | 87.2<br>88.4 | 87.4 | 87.4<br>88.5 | 87.4<br>88.5 | 87.4         | 87.4         | 87.4<br>88.5 | 87.4<br>88.5 | 87.4<br>88.5 | 87.4<br>88.5 | 87.4<br>88.5 |
| ≥ 2500<br>≥ 2000      | "4.5              | 94.8         | 90.5<br>95.6         | 95.8         |              | 90.7<br>95.9 | 90.9 | 90.9<br>96.1 | 90.9         | 90.9<br>96.1 | 90.9<br>96.1 | 90.9<br>96.1 | 90.9<br>96.1 | 96.1         | 96.1         | 96.1         |
| ≥ 1800<br>≥ 1500      | 20.1<br>10.7      | 96.4<br>97.3 | 98.3                 | 93.6         | 97.5         | 97.5         | 97.8 | 99,1         | 97.8<br>99.1 | 97.9<br>99.1 | 97.9         | 97.9         | 97.9         | 99.1         | 99.4         | 99.7         |
| ≥ 1200<br>≥ 1000      | 90.8              | 97.7         | 98.5                 | 99.0         | 99.2         | 99.1         | 99.4 | 99.4         | 99.4         | 99.5         | 99.5         | 99.5<br>99.8 | 99.5         | 99.8         | 99.8         | 99.8         |
| ≥ 900<br>≥ 800        | 10.9              | 97.7         | 98.7                 | 99.0         | 99.2         | 99.3         | 99.6 | 99.6         | 99.6         | 99.7         | 99.8         | 99.8         | 99.8         | 99,8         | 99.9         | 99,9         |
| ≥ 700<br>≥ 600        | 90.9              | 97.7<br>97.7 | 94.7<br>90.7         | 99.1         | 99.3         | 99.4         | 99.7 | 99.7         | 99.7         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 500<br>≥ 400        | 90.9              | 97.7         | 98.7                 | 99.1         | 99.3         | 99.4         | 99.7 | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100 • C      |
| ≥ 300 ≥ 200           | 90.9              | 97.7         | 98.7<br>98.7<br>98.7 | 99.1<br>99.1 | 99.3<br>99.3 | 99.4         | 99.7 | 99.8<br>99.8 | 99.8         | 99.9         | 99.9         | 99.9         | 100.0        |              | 100.0        |              |
| ≥ 100                 | 90.9              |              | 94.7                 | 99.1         | 99.3         | 99.4         | 99.7 | 99.8         | 99.8         |              | 99.9         |              |              |              | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

# **CEILING VERSUS VISIBILITY**

JEPHSTEN ISLANDAPACIFIC IS

49-72

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |              |              |              |              |              |              | VIS          | IBILITY (ST. | ATUTE MIL    | E\$)         | -    |              |                                |              |              |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------------------------|--------------|--------------|--------------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2¹⁄2        | ≥ 2          | ≥1%          | ≥1¼          | ا≤           | ≥ ¾  | ≥ 5/8        | ≥ 1/2                          | ≥ 5/16       | ≥¼           | ≥0           |
| NO CEILING<br>≥ 20000 | 45.4<br>56.0 | 50.6         | 50.6<br>62.2 | 50.6<br>92.2 | 50.6<br>62.2 | 50.0<br>62.2 | 50.6<br>62.2 | 50,6<br>62.2 | 50.6         | 50.6<br>62.2 |      | 50.6         | 50.6                           | 50.6         | 50.6         | 50.6         |
| ≥ 18000<br>≥ 16000    | 36.7<br>57.4 | 62.5         | 9.00         | 62.9         |              | 67.9         | 62.9         | 62.9         | 62.9         | 62.9         |      | 62.9         | 63.6                           | 63.6         | 62.9         | 62.9         |
| ≥ 14000<br>≥ 12000    | 59.5         | 65.9         | 66.0         | 66.0         | 66.0         | 56.0<br>69.2 | 66.0         | 66,0         | 66.0         | 66.0         | 69.2 | 66.0         | 66.0                           | 66.0         | 66.0         | 66.0         |
| ≥ 10000<br>≥ 9000     | 57.5<br>69.1 | 76.5         |              |              | 75.0<br>70.8 | 75.0<br>76.0 | 75.0<br>76.8 | 75.0<br>76.8 | 75.0<br>76.8 | 75.0<br>76.8 |      | 75.0<br>76.9 | 75.0<br>76.8                   | 75.0<br>76.8 | 75.0<br>76.8 | 75.0<br>76.8 |
| ≥ 8000<br>≥ 7000      | 71.2         | 79.7         | 79.1<br>80.4 | 79.1<br>80.5 | 79.1<br>80.5 | 79.1         | 79.1         | 79.1<br>80.5 | 79.1<br>80.5 | 79.1<br>80.5 | 79.1 | 79.1<br>80.5 | 79.1<br>80.5                   | 79.1<br>80.5 | 79.1         | 79.1         |
| ≥ 6000<br>≥ 5000      | 73.0<br>74.9 | 81.1<br>83.2 |              | 81.5         | 51.5<br>83.7 | 81.5         | 61.5<br>83.8 | 81.5<br>83.8 | 81.5<br>83.8 | 81.6<br>83.8 |      | 31.6<br>83.8 | 61.6<br>83.8                   | 81.6<br>83.8 | 81.6         | 81.6         |
| ≥ 4500<br>≥ 4000      | 75.4         | 83.9         |              |              | 86.2         | 86.2         | 84.5         | 86.5         | 84.5         | 84.5         | 86.3 | 84.5         |                                | 86.3         | 84.5         | 84.5         |
| ≥ 3500<br>≥ 3000      | 77.4         | 56.3<br>87.2 | 67.8         |              | 88.6         | 87.1         | 87.2         | 87.2         | 87.2         | 87.3         | 58.2 | 87.3         |                                | 87.3<br>88.2 | 67.3<br>88.2 | 87.3         |
| ≥ 2500<br>≥ 2000      | 19.5         | 94.7         | 95.4         | 95,4         | 95.8         |              | 90.1         | 90.1         | 90.1<br>95.9 | 90.1         |      | 90.1         |                                |              | 96.0         | 90.1         |
| ≥ 1800<br>≥ 1500      | 36.3         | 96.4         | 98.4         | 98.6         | 98.9         |              | 97.8         | 97.8         | 97.8         | 97.9         | 99,2 | 99.2         | 99.2                           | 99.2         | 99.2         | 97.9         |
| ≥ 1200<br>≥ 1000      | 7.6.5        | 97.5         | 98.8         | 99.0         | 99.3         | 99.1         | 99.3         | 99.3         | 99.3         | 99.4         | 99.4 | 99.4         |                                | 99.4         | 99.4         | 99.5<br>99.8 |
| ≥ 900<br>≥ 800        | (6.5         | 97.6         | 98.8         | 99,0         | 99.3         | 99.4         | 99.6         | 99.6         | 99.6         | 99.8         | 99,9 | 99,9         | 99,9                           |              | 99.9         | 99.9         |
| ≥ 700<br>≥ 600        | 16.3         | 97.8<br>97.8 | 98.8         | 99.1         | 99.3         | 99.4         | 99.6         | 99.4         | 99.6         | 99.9         | 99,9 | 99.9         | 99.9                           | 99,9         | 99.9         | 99.9         |
| ≥ 500<br>≥ 400        | 0.5<br>0.5   | 97.8         | 98.9         | 99.1<br>99.1 | 99.4         | 99.4         | 99.7         | 99.7         | 99.7         | 99,9         | 99.9 | 99.9         | 100• <b>0</b><br>100• <b>0</b> | 100.0        | 100.0        |              |
| ≥ 300 ≥ 200           | 30.3         | 97.8         | 98.9         | 99.1         | 99.4         | 99.4         | 99.7         | 99.7         | 99.7         | 99.9         |      | 99.9         |                                |              | 100.0        |              |
| ≥ 100                 | 6.0          | 97 A         |              |              |              | 99.4         | 99.7         | 99.7         | 99.7         |              |      |              | 100 • 0                        | 100.0        | 100 • 01     | 100.0        |

TOTAL NUMBER OF OBSERVATIONS....

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PROCESSING MANCH MSAF ETAC AIR REAL ENVICEZ ME

**CEILING VERSUS VISIBILITY** 

JUMNSTON TEL MENT PACTETE IS

49=72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                   |              |              |                      |              |              |              | VIS          | BILITY ISTA  | ATUTE MIL    | ESI          |              |              |              |              | -            | _            |
|---------------------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                      | ≥10          | ≥6           | ≥5                   | ≥ 4          | ≥3           | ≥2⅓          | ≥ 2          | ≥1'7         | ≥1%          | ≥1           | ≥ ¾          | ≥ 5/6        | ≥%           | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000     | 47.0         | 51.2         |                      | 51.3         | 51.3<br>66.5 | 51.3         | 51.3         | 51.3         | 51.3         | 51.3<br>66.5 | 51.3<br>66.5 | 51.3         | 51.3         | 51.3<br>66.5 | 51.3         | 51.3         |
| ≥ 18000<br>≥ 16000        | 61.3         | 67.0         | 57.0<br>58.1         | 67.0         | 67.0<br>60.1 | 67.0<br>68.1 | 67.0<br>68.1 | 07.q         | 67.0<br>68.1 | 67.0         | 68.1         | 67.1         | 67.0<br>68.1 | 67.0<br>68.1 | 67.0         | 67.0         |
| ≥ 14000<br>≥ 12000        | 69.2         | 71.3         | 71.4                 | 71.4<br>75.4 | 71.4         | 71.4         | 71.4         | 71.4         | 71.4<br>75.4 | 71.4         | 71.4         | 71.4         | 71.4<br>75.4 | 71.4         | 71.4<br>75.4 | 71.4<br>75.4 |
| ≥ 10000<br>≥ 9000         | 73.3         | 79.7         | 79.8                 | H1.4         | 81.4         | 79.8<br>31.4 | 79.8         | 79.8         | 79.8         | 61.+         | 79.8         | 79.8<br>81.4 | 79.8<br>31.4 | 79.8         | 79.8         | 79.8<br>81.4 |
| ≥ 8000<br>≥ 7000          | 76.7         | 83.2         | 94.2                 | 84.2         | 83.3         | 83.3         | 93.3<br>P4.2 | 83.3         | 83.3         | 83.3<br>84.2 | 53.3<br>34.2 | 83.3         | 83.3<br>84.2 | 83.3<br>84.2 | 83.3         | 83.3         |
| ≥ 6000<br>≥ 5000          | 78.3<br>→0.1 | 67.1         | 85.0                 | 87.2         | 85.1         | 87.2         | 87.2         | 85.1         | 87.2         | 85.1         | 87.2         | 85.1         | 85.1<br>97.3 | 85.1<br>37.3 | 85.1<br>87.3 | 85.1<br>87.3 |
| ≥ 4500<br>≥ 4000          | 1.0          |              | H & 0                | 89.0         | 89.0         | 88.0         | 88.0         | 88.0         | 88.0         | 89.0         | 88.0         | 89.1         | 88.0<br>89.1 | 89.0         | 88.0         | 85.0         |
| ≥ 3500<br>≥ 3000          | - 3.0        | 90.5         | 90.7                 | 89.9<br>90.7 | 90.4         | 90.8         | 90.8         | 90.6         | 90.8         | 90.8         | 90.8         | 90.4         | 90.8         | 90.8         | 90.8         | 90.8         |
| ≥ 2500<br>≥ 200°          | 14.8<br>18.1 | 90.1         | 92.5<br>90.4<br>97.9 | 92.6         | 92.6         | 92.6         | 92.6         | 96.6         | 92.6         | 92.6         | 92.7         | 92.7         | 92.7         | 92.7         | 92.7         | 96.0         |
| ≥ 1800<br>≥ 1500          | 90.0         | 97.5<br>95.6 | استما                | 98.0<br>99.0 | 99.2         | 98.1         | 98.1         | 98.1<br>99.3 | 98.1         | 98.1<br>99.3 | 98.2         | 98,2         | 98.2<br>99.3 | 98.2         | 98.2         | 98,2         |
| ≥ 1200<br>≥ 1000<br>≥ 900 | 90.1         | 98.8         | 99.2                 | 99.3         | 99.5         | 99.5         | 99.6         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7         | 99.6         | 99.6         | 99.7         |
| ≥ 800<br>≥ 800            | 90.1         | 98.8         |                      | 99.3         | 99.0         | 99.6         | 99.7         | 99.5         | 99.8         | 99.8         | 99.8         | 99.8         | 99.9         | 99.8         | 99.9         | 99.9         |
| ≥ 600                     | 90.1         | 98.8         | 99.2                 | 99.3         | 99.0         | 99.6         | 99.7         | 99.8         | 99.8         | 99.8         | 99,9         | 99.9         | 99.9         | 99,9         | 99.9         | 99.9         |
| ≥ 400<br>≥ 300            | 50.1         | 9F.R         | 99.2                 | 99.3         | 99.6         | 99.6         | 99.7         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 200                     | 00.1         | 98.8         |                      | 99,3         | 99.6         | 99.6         | 99.7         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 0                       | 90.1         | 98.8         |                      | 99,3         | 99.6         | 99.4         | 99.7         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         |              | 100.0        |              |              |

TOTAL NUMBER OF OBSERVATIONS.....

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCE SAF ETAL AIR EATTER SERVECE/MAC

# CEILING VERSUS VISIBILITY

2150 1

JUHNSTON ISLAND/PACIFIC IS

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                 |              |              |              |              |              |              | VIS          | BILITY (ST | ATUTE MILE   | ES)          | -            |              |   |              |              |              |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|---|--------------|--------------|--------------|
| FEET                    | ≥10          | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2'2         | ≥ 2          | ≥1 ⅓       | ≥114         | ≥1           | ≥ ¾          | ≥ 3/8        | ≥ %                                     | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000   | 27.3         | 62.0<br>74.7 | 74.8         | 62.1<br>74.9 | 62.1<br>74.9 | 02.1<br>74.9 | 62.1         | 62.1       | 52.1<br>75.0 | 62.1<br>75.0 | 62.1         | 62.1<br>75.0 | 62.1<br>75.0                            | 62.1<br>75.0 | 62.1         | 62.1         |
| ≥ 18000<br>≥ 16000      | ინ.9<br>ი9.2 | 75.0<br>75.3 | 75.0<br>75.4 | 75.2<br>75.5 | 75.2<br>75.5 | 75.2         | 75.3         | 75.3       | 75.3         | 75.3<br>75.6 | 75.3         | 75.3         | 75.3                                    | 75.6         | 75.3         | 75.3         |
| ≥ 14000<br>≥ 12000      | 71.2         | 76.2<br>77.8 | 76.2         | 76.4         | 76.4         | 76.4         | 76.5         | 76.5       | 76.5         | 76.5         | 76.5         | 76.3         | 76.5                                    | 76.5<br>74.0 | 76.5         | 76.5         |
| ≥ 10000<br>≥ 9000       | 74.2<br>75.2 | 80.9         | 81.0<br>52.0 | 81.1<br>82.2 | 81.1         | 81.1         | 81.2         | 81.2       | 81.2<br>82.3 | 81.2         | 81.2         | 81.2         | 81.2                                    | 81.2         | 81.2<br>82.3 | 81.7         |
| ≥ 8000<br>≥ 7000        | 77.3<br>78.2 | 84.3         | 84.3<br>85.2 | 85.4         | 84.5<br>85.4 | 54.5<br>65.4 | 84.5<br>85.6 | 35,6       | 84.6         | 84.6<br>85.6 | 84.6<br>85.6 | 84.6         | 84.6                                    | 84.6<br>85.6 | 84.6<br>83.6 | 84.6         |
| ≥ 6000<br>≥ 5000        | 78.6<br>79.9 | 85.7         |              | 85.8         | 85.8<br>87.6 | 85.8<br>87.6 | 86.0         | 86.0       | 86.0         | 85.0<br>87.8 | 85.0<br>87.8 | 85.0<br>87.8 | 56.0<br>87.8                            | 86.0<br>87.8 |              | 84.0<br>87.8 |
| ≥ 4500<br>≥ 4000        | ^0.0<br>/1.7 | 88.2         |              | 88.4<br>87.7 | 88.5         | 88.5         | 89.9         | 88.6       | 88.6<br>89.9 | 88.6         | 88.6         | 88.6<br>89.9 | 88.6                                    | 88.6<br>89.9 | 88.6<br>89.9 | 88.6         |
| ≥ 3500<br>≥ 3000        | 3.1          | 90.9         |              | 90.3         | 90.4         | 90.4         | 90.5         | 90.5       | 90.5         | 90.5         | 90.5         | 90.5         | 90.5                                    | 90.5<br>91.4 | 90.5         | 90.5         |
| ≥ 2500<br>≥ 2000        | 5.2          | 95.5         | ,            | 93.4         | 93.4         | 93.4         | 93.6         | 93.6       | 93.6         | 93.6         | 93.6         | 93.6         | 93.6                                    | 93.6         | 93.6         | 93.6         |
| ≥ 1800<br>≥ 1500        | 19.2         | 97.6<br>98.0 | 98.4         | 98.1         | 98.4         | 98.4         | 99.0         | 99.0       | 99.6         | 99.2<br>99.8 | 99.8         | 99.8         | 99.2                                    | 99.2         | 99.2         | 99,2         |
| ≥ 1200                  | 19.2         | 99.1         | 98.4         | 98.7         | 99.0         | 99.1         | 99.6         | 99.6       | 99.6         | 99.8         | 99.8         | 99.5         | 99.9                                    | 99.9         | 99,9         | 99.9         |
| ≥ 900<br>≥ 800          | 19.2         | 98.1         | 98.4         | 98.7         | 99.0         | 99.1         | 99.6         | 99.7       | 99.7         | 99.9         | 99.9         | 99,9         | 99.9                                    | 99,9         | 99.9         | 99.9         |
| ≥ 700<br>≥ 600          | 19.2         | 95.1         | 98.4         | 98.7         | 99.0         | 99.1         | 99.7         | 99,7       | 99.7         | 99,9         | 99.9         | 99.9         | 99.9                                    | 99.9         | 99.9         | 99,9         |
| ≥ 500<br>≥ 400          | 9.2          | 98.1<br>98.1 | 98.4<br>98.4 | 98.7<br>98.7 | 99.0         | 99.1         | 99.7         | 99.7       | 99.7         | 99.9         | 99.9         | 99.9         | 99.9                                    | 99,9         | 99.9         | 99,9         |
| ≥ 300<br>≥ 200<br>> 100 | 9.2          | 98.1         | 93.4         | 98.7         | 99.0         | 99.1         | 99.7         | 99.7       | 99.7<br>99.7 | 99,9         | 99.9         | 99.9         |   | 99.9         | 99.9         | 99.9         |
| ≥ 100<br>≥ 0            | 9,2          | 98,1         | 98.4         | 98.7<br>98.7 | 99.0         | 99.1         | 99.7         | 99.7       |              | 100.0        | 100.0        |              | • |              | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS 11052

USAF ETAC 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

NATA PROCESSING CHANGE USAF ETAL PROCESSING CHANGE EAT ER CENTREL CO.

CEILING VERSUS VISIBILITY

216 1 STATION

JUNNST N ISLANT PACIFIC IS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS TST

| CEILING                 |              |              |              |              |              |              | VIS  | IBILITY (ST | ATUTE MIL    | ES:            |                |              |       |              | <del></del>    |               |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------|-------------|--------------|----------------|----------------|--------------|-------|--------------|----------------|---------------|
| ·FEET+                  | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥ 3          | ≥2⅓          | ≥ 2  | ≥117        | ≥1¼          | ≥1             | ≥ 1/4          | ≥ %          | ≥%    | ≥ 5/16       | ≥ ¼            | ≥0            |
| NO CEILING<br>≥ 20000   | 50.7<br>73.8 | 63.6         | 63.7         | 63.7         | 63.7         | 63.7         | 63.7 | •           |              | 63.7           | 63.7           | 63.7         | 63.7  | 63.7         | 63.7           | 63.7          |
| ≥ 18000<br>≥ 16000      | 74.0         | 77,7         | 77.7         | 77.7<br>77.9 | 77.7         | 77.7         | 77.7 | 77,7        | 77.7         | 77.7           | 77.7           | 77.7         | 77.7  | 77.7         | 77.7           | 77.7          |
| ≥ 14000<br>≥ 12000      | 77.1         | 78.8         | 74.8         |              | 78.8         | 78.8         |      |             | 78.8<br>AQ.9 | 78.8           | 78.8           |              |       | 78.8<br>80.9 |                | 78.8          |
| ≥ 10000<br>≥ 9000       | 79.9<br>61.0 | 63.8<br>65.0 | 53.8<br>85.0 | 85.0         | 83.8<br>85.0 | 83.8<br>85.0 | 85.0 |             | 83.8         |                | 83.8<br>85.0   | 83.8<br>85.0 |       | 83.8         |                | 83.8          |
| ≥ 8000<br>≥ 7000        | 82.7         | 86.8<br>88.0 | 88.0         | 86.9         | 86.9         | 86.9         |      |             | 86.9         |                | 86.9           | 86.9<br>88.0 | 88.0  | 86.9<br>88.0 | 88.0           | 86,9<br>88,0  |
| ≥ 6000<br>≥ 5000        | 64.2<br>75.1 | 88.5         | 88.5         | 89,6         | 39.6         | 89.6         | 49.6 | 89.6        | 89.6         | 89.4           | 88.5           | 89.6         | 89.6  | 89.6         | 89.6           | 89.6          |
| ≥ 4500<br>≥ 4000        | 0.1          | 90.1         | 90.1         | 90.1         | 90.2         | 90.7         | 90.7 | 90.7        | 90.2         | 90.7           | 90.2           | 90.7         | 90.7  | 90.2         | 90.7           | 90.7          |
| ≥ 3500<br>≥ 3000        | · 7.3        | 91.4<br>91.9 | 91.5         | 91.9         | 91.5         | 91.0         | 92.0 | 92.0        | 91.5         | 92.0           | 91.5           | 92.0         | 92.0  | 92.0         |                | 91.5          |
| ≥ 2500<br>≥ 2000        | 62.5         | 94.0         | 94.0         | 94.0<br>97.8 | 94.1         | 94.1         |      | 94.1        | 94.1         | 94.1           | 94.1           | 94.1         |       |              |                | 94.1          |
| ≥ 1800<br>≥ 1500        | 3.2          | 99.3         | 98.6         | 99.6         | 98.8         | 98.8         | 98.8 | 98.8        | 98.8         | 98.8           | 98.8           | 98.8         | 98.8  | 98.8         | 99.8           | 98.8<br>99.8  |
| ≥ 1200<br>≥ 1000        | 93.9         | 99.4         | 99.7         | 99.8         | 99.9         | 99.9         | 99.9 | 99.9        | 99.9         | 99.9           | 99.9           | 99.9         | 100.0 | 100.0        |                | 99.9<br>100.2 |
| ≥ 900<br>≥ 800          | 43.9<br>43.9 | 99.4         | 99.7         | 99.8<br>99.8 | 99.9         | 99.9         | 99.9 | 99.9        | 99.9         | 100.0          | 100.0          | 100.0        | 100.0 | 100.0        | 100.0          | 100.0         |
| ≥ 700<br>≥ 600          | 93.9         | 99.4         | 99.7         | 99.8         | 99.9         | 99.9         | 99.9 | 99.9        | 99.9         | 100.0          | 100.0          | 100.0        | 100.0 | 100.0        |                | 100.0         |
| ≥ 500<br>≥ 400<br>≥ 300 | 93.9         | 99.4         | 99.7         | 99.8         | 99.9         | 99.9         | 11.  | 99.9        | 99.9         | 100.0<br>100.0 | 100.0<br>100.0 | 100.0        | 100.0 | 100.0        | 100.0          | 100.0         |
| ≥ 200<br>≥ 100          | 93.9         | 99.4         | 99.7         | 99.8         | 99.9         | 99.9         | 99.9 | 99.9        |              | 100.0          | 100.0          |              | 100.0 | 100.0        | 100.0<br>100.0 | 100.0         |
| ≥ 100                   | 93.9         | 99.4         | 99.7         | 99.8         | 99.9         | 99.9         |      | 99.9        | 99.9         | 100.0          | 100.0          | 100.0        | 100.0 | 100.0        | 100.0          | 100.0         |

TOTAL NUMBER OF OBSERVATIONS\_

12157

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PRECESSING SKANCH SAF ETAL ALE SELVICET AC

# CEILING VERSUS VISIBILITY

49-401 O ISLANDO FACIFIC IS 48-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |          |      |      |      |         |      | VIS  | BILITY (ST. | ATUTE MILI | ES)  |             |         |       |        |       |         |
|-----------------------|----------|------|------|------|---------|------|------|-------------|------------|------|-------------|---------|-------|--------|-------|---------|
| FEET                  | ≥10      | ≥6   | ≥5   | ≥ 4  | ≥ 3     | ≥2%  | ≥ 2  | ≥1%         | ≥1¼        | ≥1   | ≥ ¾         | ≥ 3/8   | ≥ ⅓   | ≥ 5/16 | ≥¼    | ≥0      |
| NO CEILING<br>≥ 20000 | 5 e . 1  | ú1.3 | 51.3 | 61.3 | 61.3    | 61.3 | 61.3 | 61.3        | 61.3       | 61.3 | 61.3        | 51.3    | 61.3  | 61.3   | 61.3  | 61.3    |
| <u> </u>              | 12.7     | 75.7 | 70.7 | 76.7 | 76.7    | 76.7 | 70.7 | 76.7        | 70.7       | 76.7 | 76.7        | 76.7    | 76.7  | 74.7   | 76.7  | 76.7    |
| ≥ 18000               | 73.1     | 77.1 | 77.1 | 77.1 | 77.1    | 77.1 | 77.1 | 77.1        | 77.1       | 77.1 | 77.1        | 77.1    | 77.1  | 77.1   | 77.1  | 77.1    |
| ≥ 16000               | 73.3     | 77.3 | 77.3 | 77.3 | 77.3    | 77.3 | 77.3 | 77.3        | 77.3       | 77.3 | 77.3        | 77.3    | 77.3  | 77.3   | 77.3  | 77.3    |
| ≥ 14000               | 74.4     | 78.4 | 74.4 | 78.4 | 78.4    | 78.4 | 76.4 | 78.4        | 78.4       | 78.4 | 78.4        | 78.4    | 78.4  | 78.4   | 78.4  | 78.4    |
| ≥ 12000               | 70.7     | 80.8 | 50.8 | 40.8 | 80.8    | 80.8 | 80.8 | 80.8        | 80.8       | 80.8 | 80.8        | 80.8    | 80.8  | 80.8   | 80.8  | 80.8    |
| ≥ 10000               | 79.2     | 84.4 | 33.5 | 83.5 | A 3 . 5 | 83.5 | 83.5 | 57.5        | A3.5       | 83.5 | 83.5        | 83.5    | 23.5  | 83.5   | 83.5  | 83.5    |
| ≥ 9000                | 16.1     | 84.4 | 84.4 | 34.4 | 84.4    | 84.4 | 84.4 | 84.4        | 84.4       | 84.4 | 84.4        | 84.4    | 84.4  | 84.4   | 84.4  | 64.4    |
| ≥ 8000                | 62.1     | 86.3 | 80.5 | 86.5 | 86.5    | 86.5 | 86.6 | 86.6        | 86.6       | 86.6 | 86.6        | 86.6    | 86.6  | 86.6   | P6,6  | 86.6    |
| ≥ 7000                | 2 و فر 🕙 | 87.6 | 87.7 | 87.7 | 87.7    | 87.7 | 87.7 | 87.7        | 87.7       | 87.7 | 87.7        | 87.7    | 87.7  | 87.7   | F7.7  | 87.7    |
| ≥ 6000                | 43.6     | 88,1 | 84.2 | 88.2 | 88.2    | 88.2 | 88.2 | 88.2        | 88.2       | 84.2 | 86.2        | 88.2    | 88.2  | 88.2   | 88.2  | 88.2    |
| ≥ 5000                | 34.9     | 89.5 | 89.6 | 89.6 | 89.6    | 89.6 | 89.6 | 89.6        | 89.6       | 89.6 | 89.6        | 89.5    | 89.6  | 89.6   | 49.0  | 89.6    |
| ≥ 4500                | . 5 . 3  | 90.0 | 90.0 | 90.1 | 90.1    | 90.1 | 90.1 | 90.1        | 90.1       | 90.1 | 90.1        | 90.1    | 90.1  | 90.1   | 90.1  | 90.1    |
| ≥ 4000                | 6.1      | 90.9 | 91.0 | 91.0 | 91.0    | 91.0 | 91.1 | 91.1        | 91.1       | 91.1 | 91.1        | 91.1    | 91.1  | 91.1   | 91.1  | 91.1    |
| ≥ 3500                | .0.0     | 91.5 | 91.6 | 91.6 | 91.6    | 91.6 | 91.7 | 91.7        | 91.7       | 91.7 | 91.7        | 91.7    | 71.7  | 91.7   | 91.7  | 91.7    |
| ≥ 3000                | 7.1      | 91.9 | 92.0 | 92.1 | 92.1    | 92.1 | 92.1 | 92.1        | 92.1       | 92.1 | 92.1        | 92.1    | 92.1  | 92.1   | 92.1  | 92.1    |
| ≥ 2500                | 46.2     | 93.1 | 93.2 | 93.2 | 93.3    | 93.3 | 93.3 | 93.3        | 93.3       | 93.3 |             | 93.3    | 93.3  | 93.3   | 93.3  | 93.3    |
| ≥ 2000                | 71.6     | 97.0 | 97.2 | 97.7 | 97.3    | 97.3 | 97.4 | 97.4        | 97.4       | 97.4 |             | 97.4    | 97.4  | 97.4   | 97.4  | 97.4    |
| ≥ 1800                | 12.4     | 97.9 | 98.1 | 98.2 | 98.2    | 98.2 | 98.4 | 98.4        | 98.4       |      |             |         | 98.4  |        | 98.4  | 98.4    |
| ≥ 1500                | 63.0     | 98.8 | 99.0 | 99.1 | 99.2    | 99.2 | 99.3 | 99.4        | 99.4       | 99.4 |             | 99.4    | 99.4  | 99.4   | 99.4  | 99.4    |
| ≥ 1200                | 43.0     | 99.8 |      | 99.2 |         | 99.3 | 99.4 | 99.5        | 99.5       | 99.5 | <del></del> | 99.5    | 99.6  |        |       | 99.6    |
| ≥ 1000                | 73.0     | 95.9 | 99.2 | 99.3 | 99.4    | 99.4 | 99.7 | 99.7        | 99.7       | 99.8 |             |         | 99.8  |        |       | 99.8    |
| ≥ 900                 | 93.0     | 98.9 | 99.2 | 99.4 | 99.4    | 99.4 | 99.7 | 99.7        | 99.7       | 99.8 |             | 99.9    | 99.8  |        |       |         |
| ≥ 800                 | 93.0     | 99.0 | 99.3 | 99.4 | 99.5    | 99.5 | 99.7 | 99.0        | 99.8       | 99.9 | 99.9        | 99.9    | 99.9  | -      |       | 99.9    |
| ≥ 700                 | 93.0     | 99.0 | 99.3 | 99.4 | 99.5    | 99.5 | 99.7 | 99.8        | 99.8       | 99.9 |             |         | 99.9  |        |       | 99.9    |
| ≥ 600                 | 33.0     | 99.0 | 99.3 | 99.4 | 99.5    | 99.5 | 99.8 | 99 8        | 99.8       | 99.9 | 99.9        | 99.9    | 100.0 | 100.0  | 100.0 | 100.0   |
| ≥ 500                 | 73.0     | 99.0 |      | 99.4 |         | 99.5 | 99.8 | 99.8        | 99.8       | 99.9 |             | 99.9    | 100.0 | 100.0  |       | 100.0   |
| ≥ 400                 | 93.0     | 99.0 | 99.3 | 99.4 |         | 99.5 | 99.8 | 99.6        | 99.8       | 99.9 | 99.9        | 99.9    | 100.0 | 100.0  |       | 100.0   |
| ≥ 300                 | 3.0      | 99.0 | 99.3 | 99.4 |         | 99.5 | 99.8 | 99.         | 99.8       | 99.9 |             | 99.9    | 100.0 | ****   |       | 100.0   |
| ≥ 200                 | 93.0     | 99.0 | 99.3 | 99.4 | 99.5    | 99.5 | - 1  | 99.8        | 99.8       | 99.9 | 1           | : · • I | 100.0 | 100.0  |       | 100.0   |
| ≥ 100                 | 43.0     | 99.0 |      | 99.4 |         | 99.5 |      |             |            |      |             |         | 100.0 | ***    | 100.0 |         |
| ≥ 0                   | ^3.0     |      |      |      |         |      | •    |             | 99.8       |      |             |         |       |        | 100.0 |         |
|                       | 2 . V    | 770( | 1702 | 7747 | 7767    | 7717 | 7700 | 7701        | 77.0       | 7747 | 7767        | 77.7    | TUVAU | TANTO  | TODOU | 100 • O |

TOTAL NUMBER OF OBSERVATIONS 12312

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSQUETE

DATA PROCESSING PRINC ATH EATHER HENVICENT C

# CEILING VERSUS VISIBILITY

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-6-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|                  |       |      |      |               |      |       | VIS         | BILITY (ST | ATUTE MILI | ES <sub>1</sub> |      |       |       |        |       |       |
|------------------|-------|------|------|---------------|------|-------|-------------|------------|------------|-----------------|------|-------|-------|--------|-------|-------|
| CEILING<br>FEET  |       |      |      | <del></del> - |      |       | <del></del> |            |            |                 |      |       |       |        |       |       |
|                  | ≥10   | ≥6   | ≥ 5  | ≥ 4           | ≥ 3  | ≥21⁄2 | ≥ 2         | ≥1%        | ≥1⅓        | ≥1              | ≥ ⅓  | ≥ 5/8 | ≥ ⅓   | ≥ 5/16 | ≥¼    | ≥0    |
| NO CEILING       | 26.9  | 59.6 | 59.6 | 59.6          | 59.6 | 59.6  | 59.6        | 59.6       | 59.6       | 59.5            | 59.6 | 59.6  | 59.6  | 59.6   | 59.6  | 59.6  |
| ≥ 20000          | 72.2  | 75.7 | 75.8 | 75.8          | 75.8 | 75.3  | 75.8        | 75.6       | 75.8       | 75.8            | 75.8 |       |       | 75.8   | 75.6  | 75.8  |
| ≥ 18000          | 72.4  | 76.0 | 70.0 | 76.0          | 76.0 | 76.0  | 70.0        | 75.0       | 76.0       | 70.0            | 76.0 |       | 76.0  | 76.0   |       | 76.0  |
| ≥ 16000          | 72.7  | 76,3 | 70.4 | 76.4          | 76.4 | 76.4  | 76.4        | 76,4       | 76.4       | 76.4            | 76.4 | 76.4  | 76.4  | 76.4   | 76.4  | 76.4  |
| ≥ 14000          | 73.5  | 77,2 | 77.2 | 77.3          | 77,3 | 77.3  | 77.3        | 77.3       | 77.3       | 77.3            | 77.3 | 77.3  | 77.3  | 77.3   | 77.3  | 77.3  |
| ≥ 12000          | 70.2  | 80.0 | 90.0 | 80.1          | 80.1 | 80.1  | RQ.1        | 50.1       | 80.1       | 80.1            | 80.1 | 30.1  | _80.1 | 80.1   | 80.1  | 80.1  |
| ≥ 10000          | 78.9  | 82.9 | 32.9 | 83.0          | 83.0 | 83.0  | 43.0        | 83.0       | 83.0       |                 | 83.0 | 83.0  | 83.0  |        |       |       |
| ≥ 9000           | 50.2  | 84.3 | 34.4 |               |      | 84.4  | 84.4        | 84.4       | 84.4       | 84.4            | 84.4 | 84.4  |       |        |       | 84.4  |
| ≥ 8000<br>≥ 7000 | 1-3-1 | 87.2 | 87.3 | 87.3          | 1    | 37.3  | 87.3        | 87.3       | 87.3       | 1               | 87.3 | 87.3  | A7.3  |        |       |       |
|                  | 2401  | 88.3 | 83.3 | 38.3          |      | 88.3  | 88.4        | 88.3       | 88.3       | 88.3            | 88.3 | 88.3  |       |        | 88.3  |       |
| ≥ 6000<br>≥ 5000 | 14.5  | 88.8 | 68.B |               |      | 88.9  | 88.9        | 88.9       |            |                 |      |       |       |        |       |       |
|                  | 65,9  | 40.3 |      |               | 90.4 |       | 90.4        |            | 90,4       |                 |      |       |       |        |       |       |
| ≥ 4500<br>≥ 4000 | 16.4  | 90.8 | 1    | 1             | l    | 90.9  | 90.9        | 90.9       |            | 1               |      | 90.9  |       |        |       |       |
|                  | 47.4  | 91.7 | 91.8 |               | 91.4 | 91.8  | 91.8        | 91,8       |            | 91.8            |      |       |       |        |       |       |
| ≥ 3500<br>≥ 3000 |       | 92.3 | 4 -  |               | 92.5 |       | 92.5        | 92.5       |            |                 |      |       |       |        |       | - •   |
|                  | 18.0  | 94.6 | 97.8 |               | 92.5 | 92.8  |             | 92.8       |            | 92.9            |      | 92.9  |       |        |       |       |
| ≥ 2500<br>≥ 2000 | 39.2  | 93.9 | 94.1 |               | 94.1 | 94.1  | 94.1        | 94 . I     | 94.1       | 94.2<br>97.8    | 94.2 |       | 94.2  | 94.2   | 94.2  | 94.2  |
|                  | 2.2   | 99.2 | 98.4 |               |      |       | 98.6        | 98.0       |            |                 | 97.8 |       | 97.8  |        |       |       |
| ≥ 1800<br>≥ 1500 | 43.4  | 93.9 | 99.3 | 99.4          | 99.5 | 99.5  | 99.5        | 99.5       | 99.5       | 99.6            | 99.6 |       |       | 99.7   |       | 99.7  |
| ≥ 1200           | 93.4  | 99.0 | 99.3 |               | 99.5 |       | 99.6        | 99.6       |            | 99.7            |      |       |       |        |       | 99.7  |
| ≥ 1000           | 43.4  | 99.0 | 99.4 | 99.5          | 99.0 | 99.6  | 99.7        | 99.7       | 99.7       | 99.9            | 99.9 |       | - 1   | 99.9   |       | 99.9  |
| ≥ 900            | 93.4  | 99.0 | 99.4 |               |      |       | 99.7        | 99.7       | 99.7       | 99.9            | 99.9 |       |       |        |       |       |
| ≥ 800            | 93.4  | 99.0 | 99.4 |               | 99.7 | 99.7  | 99.7        | 99.8       | 99.8       | 99.9            | 99.9 | 99.9  |       |        | 99.9  | 99.9  |
| ≥ 700            | 93.4  | 99.0 | 99.4 |               | 99.7 | 99.7  | 99.7        | 99.8       |            | 99.9            | 99.9 |       |       | 99.9   |       |       |
| ≥ 600            | 63.4  | 99.1 | 99.4 | 99.5          | 99.7 | 99.7  | 99.7        | 99.8       | 99.8       | 99.9            | 99.9 | 99.9  |       |        | 100.0 | 100.0 |
| ≥ 500            | 93.4  | 99.1 | 99.4 | 99.5          | 99.7 | 99.7  | 99.7        | 99.8       |            | 99.9            | 99.9 | 99.9  | 100.0 |        | 100.0 | T     |
| ≥ 400            | 4.0   | 99.1 | 99.4 | 99.5          | 99.7 | 99.7  | 99.7        | 99.8       | 99.8       | 99.9            | 99.9 | 99.9  | 100.0 |        | 100.0 |       |
| ≥ 300            | 73.4  | 99.1 | 99.4 | 99.5          | 99.7 | 99.7  | 99.7        | 99.8       | 99.8       | 99.9            | 99.9 | 99.9  |       |        | 100.0 |       |
| ≥ 200            | 93.4  | 99.1 | 99.4 | 99.5          | 99.7 | 99.7  | 99.7        | 99.8       | 99.8       | 99.9            | 99,9 |       |       |        | 100.0 |       |
| ≥ 100            | 73.4  | 97.1 | 99.4 | 99.5          | 99.7 | 99.7  | 99.7        | 99.8       | 99.8       | 99.9            | 99.9 |       |       |        | 100.0 |       |
| ≥ 0              | 93.4  | 99.1 | 99.4 |               | 99.7 | 99.7  | 99.7        | 99.8       |            | 99.9            | 99.9 |       |       |        | 100.0 |       |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

USAF ETAC TUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRINCESSING ARANGA USAF ETAR ATR EATHER SETVICE/FAC

### CEILING VERSUS VISIBILITY

JERNATON ISLAND/PACIFIC IS

44-71

T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IST

| CEILING                    |              |                      |              |                      |              |              | VIS          | BILITY (STA  | ATUTE MILI | ES:          |              | - ,          |              |              |              |                |
|----------------------------|--------------|----------------------|--------------|----------------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| FEET                       | ≥10          | ≥6                   | ≥5           | ≥ 4                  | ≥3           | ≥21/2        | ≥ 2          | ≥1'2         | ≥1¼        | ≥1           | ≥ 1,4        | ≥ >/8        | ≥ '2         | ≥ 5.16       | ≥%           | ≥0             |
| NO CEILING<br>≥ 20000      | 34.1<br>71.4 | 57.0<br>74.9         | 57.0<br>74.9 | 1                    | 57.0         | 57.0<br>74.9 | 57.0         | 57.0<br>74.9 | 57.0       | 57.0         | 57.0<br>74.9 | 57.0         | 57.0<br>74.9 | 57.0         | 57.0         | •              |
| ≥ 18000<br>≥ 16000         | 72.0         | 75.5                 | 75.5         |                      | 75.5         | 75.5<br>76.0 | 75.6         | 75.6         | 75.6       | 75.6<br>76.0 | 75.6<br>76.0 | 75.6         | 75.6         |              | 75.6         |                |
| ≥ 14000<br>≥ 12000         | 73.9         | 77.5<br>80.4         | 77.5<br>80.5 | 77.5                 | 77.5<br>80.5 | 77.5         | 77.5         | 77.5         | 77.5       | 77.5         | 77.5         | 77.5         | 77.5         | 77.5         | 77.5         | 77.5           |
| ≥ 10000<br>≥ 9000          | 79.3         | 83.2<br>84.6         | 84.6         | 83.2<br>84.5         | 83.2<br>84.6 | 63.2<br>84.6 | 83.2<br>84.6 | 83.2<br>84.6 | 84.6       | 83.2<br>84.6 | 83.2<br>84.6 | 83.2         | 83.2         | 83.2<br>84.6 | 84.6         | 83.2           |
| ≥ 8000<br>≥ 7000           | 02.0         | 86.7<br>87.9         |              | 86.8<br>88.0         | 86.8         | 86.8<br>88.0 | 86.8         | 86.8<br>88.0 | 86.8       | 86,8<br>88,0 | 86.8         | 86.0<br>88.0 | - X X X      | 86 . E       | 86.8<br>86.0 | 86.8<br>88.0   |
| ≥ 6000<br>≥ 5000           | 84.2<br>55.3 | 89.5                 |              | 88.4<br>89.7         | 88.4<br>99.7 | 88.4         | 88.5         | 88.5         | 88.5       | 88.5<br>89.8 | 88.5<br>69.8 | 88.5         |              | 89.8         | 89.8         | 89.8           |
| ≥ 4500<br>≥ 4000           | 45.8         | 90.2                 | 41.9         | 90.3                 | 90.3         | 91.9         | 90.3         | 92.0         | 90.3       |              | 90.4         | 90.4         | 92.0         |              | 90.4         | 92.0           |
| ≥ 3500<br>≥ 3000           | *7.3         | 92.7                 | 92.5         | 92.8                 | 92.5<br>92.8 | 92.5         | 92.9         | 92.6         | 92.6       | 93.0         | 93.0         | 92.5         | 93.0         | 43 C         | \$3.0        | 93.0           |
| ≥ 2500<br>≥ 2000           | "9.2<br>"1.9 | 95.9                 | 94.0         | 97.1                 | 94.0         | 94.C<br>97.2 | 94.1         | 94.1         | 94.1       | 94.1         | 94.1         | 94.1         | 94.1         | 94.1         | 94.1         | 94.1           |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 43.1         | 95.0<br>93.6<br>98.7 | 98.2<br>98.9 | 98.2<br>99.0<br>99.2 | 98.3<br>99.1 | 98.3         | 99.3         | 98,5<br>99,3 | 98.5       | 99.3         | 98.5<br>99.4 | 98.5         | 99.4         | 98.5         | 98.5         | 99,4           |
| ≥ 1000                     | 93.3         | 96.8                 | 39.5         | 99.3                 | 99.4         | 99.4         | 99.7         | 99.7         | 99.7       | 99.7         | 99.8         | 99.6<br>99.8 | 99.8         | 99.6<br>99.8 | 99.8         | 99.P           |
| ≥ 900<br>≥ 800<br>≥ 700    | 13.3         | 9A . R               | 99.2         | 99.3                 | 99.5         | 99.5         | 99.8         | 99.8         | 99.8       | 99.9         | 99.9         | 99.9         | 99,9         | 99,9         | 99,9         | 99,9           |
| ≥ 600                      | 93.3         | 98.8                 | 79.2         | 99.3                 | 99.5         | 99.6         | 99.8         | 99.8         | 99.8       | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        |              |                |
| ≥ 500<br>≥ 400<br>≥ 300    | 73.3         | 94.8                 | 99.2         | 99.3                 | 99.5         | 99.6         | 99.8         | 99.8         | 99.8       | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0<br>100.0 |
| ≥ 200                      | 93.3         | 92.8                 | 99.2         | 99,3                 | 99.5         | 99.6         | 99.8         | 99.8         | 99.8       | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0          |
| ≥ 0                        | 3.3          | 91.8                 |              |                      |              | 99.0         | 99.8         | 99.8         |            | - 1          |              |              | ****         | 100.0        | 4 4 . 4      | 100.0          |

TOTAL NUMBER OF OBSERVATIONS 11899

USAF ETAC RUL64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PRODESSING BRALC ATP EAT ET EPHTCHYTHE

# CEILING VERSUS VISIBILITY

HOURS ILST

AND MATTER TELESCOPE ACTIFIC TO 216 ....

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                    |  |              |      |      |      |       | VIS                  | BILITY (ST   | ATUTE MIL            | ES)          |       |              |       |        |       |              |
|----------------------------|--|--------------|------|------|------|-------|----------------------|--------------|----------------------|--------------|-------|--------------|-------|--------|-------|--------------|
| FEET                       | ≥10                                      | ≥6           | ≥5   | ≥ 4  | ≥3   | ≥21/2 | ≥ 2                  | ≥1½          | ≥1 ե                 | ≥1           | ≥ 3/4 | ≥ 3/8        | ≥ ⅓   | ≥ 5/16 | ≥¼    | ≥0           |
| NO CEILING<br>≥ 20000      | 70.5                                     | 63.3         | 63.3 |      | 63.3 | 63.3  | 63.3                 | 63.3         | 63.3                 | 63.3         |       | 63.3         | 63.3  |        |       | 63.3<br>73.7 |
| ≥ 18000<br>≥ 16000         | 70.8                                     | 74.0         | 74.0 | 74.4 | 74.0 | 74.9  | 74.0                 |              |                      | 74.0         | 74.4  | 74.4         | 74.0  | 74.4   |       | 74.4         |
| ≥ 14000<br>≥ 12000         | 72.2                                     | 73.6         | 75.6 | 78.4 | 75.6 |       | 75.6<br>78.4         | 78.4         | 75.6<br>78.4         | 75.6<br>78.4 | 78.4  | 75.6         | 78,4  | 78,4   |       | 78.4         |
| ≥ 10000<br>≥ 9000          | 76.0                                     | 81.4         | 82.6 | 82.6 |      | 82.6  | 32.6                 | 81.5         | 82.6                 | 81.5         | 82.6  | 82.6         |       | 82.6   | 82.6  | 82.6         |
| ≥ 8000<br>≥ 7000           | 7.08<br>1.59                             | 84 B         | 86.2 | 86.2 | 86.2 | 86.2  | 86.2                 | 86.2         | 84.8                 | 84.8         | 86.2  | 84.8         | 86.2  | 84.2   | 86.2  | 86.2         |
| ≥ 6000<br>≥ 5000           | 53.5                                     | 66.6         | 88.1 | 88.1 | 86.7 | 88.1  | 86.7<br>88.1         | 86.7         | 86.7                 | 86.7         | 88.1  | 86.7         | 86.7  | 88.1   | 86.7  | 86.7         |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 34.5                                     | 90.1<br>90.1 | 90.2 | 90.2 |      | 90.2  | 90.3                 | 89.0<br>90.3 | 89.0<br>90.3<br>91.1 | 89.0<br>90.3 | 90.3  | 89.0<br>90.3 |       | 90.3   |       | 90.3         |
| ≥ 3000<br>≥ 2500           | 7.8                                      | 91.5         | 91.6 | 91.6 | 91.6 | 91.6  | 91.7                 | 91.7         | 91.7                 | 91.7         |       | 91.7         | 91.7  | 91.7   |       | 91.7         |
| ≥ 2000                     | 91.6                                     | 96.7         | 96.9 | 97.0 | 97.1 | 97.1  | 97.2                 |              | 97.2                 |              | 97.3  | 97,3         | 97.3  | 97.3   | 27.3  | 97.3         |
| ≥ 1500                     | ن و د <sup>د</sup><br>و و د <sup>د</sup> | 92.9         | 99.1 | 99.2 | 99.3 | 99.3  | 99.5                 |              | 99.5                 | 99.6         | 99.6  | 99.6         | 99.6  | 99.6   | 99.6  | 99.6         |
| ≥ 1000                     | 93.3                                     | 99.9         |      |      |      | 99.6  | 99.8                 |              |                      | 99.9         | 99.9  |              |       |        |       |              |
| ≥ 800<br>≥ 700             | 93.3                                     | 99.0         | 99.3 | 99.5 | 99.7 | 99.7  | 99.8                 |              |                      |              | 100.0 |              |       |        |       |              |
| ≥ 600<br>≥ 500             | 93.3<br>23.3                             | 99.0         | 99.3 | 99.5 |      | 99.7  | 99.8                 | 99.9         | 99.9                 | 100.0        | 100.0 | 100.0        | 100.0 | 100.0  | 100.0 | 100.0        |
| ≥ 400                      | 93.3                                     | 99.0         | 99,3 | 99.5 | 99.7 | 99.7  | 99.8                 | 99.9         | 99.9                 | 100.0        | 100.0 | 100.0        | 100.0 | 100.0  | 100.0 | 100.0        |
| ≥ 200<br>≥ 100<br>≥ 0      | 93.3<br>93.3                             | 99.0         |      | 99.5 | 99.7 |       | 99.8<br>99.8<br>99.8 | 99.7         | 99.9                 | 100.0        | 100.0 | 100.0        | 100.0 | 100.0  | 100.0 |              |

TOTAL NUMBER OF OBSERVATIONS 11059

USAF ETAC JULIA 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

2100

JOHNST IN ISLAND/PACIFIC IS

45-71

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILST

| CEILING                    |              |                      |                      |              |              |                      | VIS                  | BILITY (ST           | ATUTE MILI           | ES:                  |                      |                      |                |              |              |                      |
|----------------------------|--------------|----------------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------|--------------|--------------|----------------------|
| FEET                       | ≥10          | ≥6                   | ≥5                   | ≥ 4          | ≥3           | ≥2:2                 | ≥ 2                  | ≥11⁄2                | ≥1¼                  | ≥1                   | ≥ ¾                  | ≥ 5/8                | ≥ 1/3          | ≥ 5, 16      | ≥%           | ≥0                   |
| NO CEILING<br>≥ 20000      | 9.0<br>(عوا  | 61.6                 | 51.6                 | 61.6         | 61.6         | 61.6                 | 61.6                 | 61.6<br>66.5         | 61.6                 | 61.6                 | 61.6                 | 61.4                 | 41.6           | 61.6         | 51.6         | 61.6                 |
| ≥ 18000<br>≥ 16000         | 63.8         | 66.7                 | 56.7<br>66.9         | 66.7         | 66.7         | 66.7                 | 66.7                 | 66.7                 | 66.7                 | 66.9                 | 66.7                 | 66.7                 |                | 66.7         | 66.7         | 66.9                 |
| ≥ 14000<br>≥ 12000         | 54.d         | 69.9                 | 68.0<br>59.9         | 68.0         | 68.0         | 68.0                 | 63.0                 | 68.0                 | 69.9                 | 69.9                 | 68.0                 | 69.9                 | 69.9           | 69.9         | 48.0<br>69.9 | 69.9                 |
| ≥ 10000<br>≥ 9000          | (9.7<br>72.3 | 73.5                 | 73.5                 |              | 73.5         | 73.5                 | 73.5                 | 73.5                 | 73.5                 | 75.5                 | 73.5                 | 73.5                 | 73.5           | 73.5         | 73.5         | 73.5                 |
| ≥ 8000<br>≥ 7000           | 74.4         | 76.6<br>80.2         | 50 J                 | 60.3         | 78.7         | 78.7<br>80.3         | 78.7                 | 78.7                 | 78.7                 | 79.7<br>80.4         | 78.7                 | 78.7                 | 75.7           | 78.7<br>80.4 |              | 78.7                 |
| ≥ 6000<br>≥ 5000           | 75.4         | 80 8<br>82 8         | 82.9                 | 80.9         | 80.9         | 80.9                 | 82.9                 | 81.0<br>82.9         | 81.0<br>82.9         | 82.9                 | 81.0<br>82.9         | 81.0                 | "1.0           | 31.0<br>87.0 | 71.0<br>73.0 | 83.0                 |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 79.1         | 83.7<br>85.8<br>87.4 | 86.0<br>86.0<br>87.6 |              | 86.0<br>87.7 | 83.9<br>86.0<br>87.7 | 83.9<br>86.1<br>87.7 | 85.9<br>86.1<br>87.7 | 83.9<br>86.1<br>87.7 | 83.9<br>86.1<br>87.7 | 83.9<br>86.1<br>87.7 | 83.9<br>86.1<br>87.7 | 83.9<br>80.1   | 85.9<br>86.1 | 86.1<br>86.1 | 83.9<br>86.1<br>87.7 |
| ≥ 3000<br>≥ 3000           | 4 y          | 90.2                 | 83.8<br>90.4         | 88.9         | 89.0<br>90.6 | 89.0                 | 89.0                 | 90.6                 | 89.0                 | 90.6                 | 89.0                 | 90.6                 | 89.0           | 99.0         | 89.0<br>90.7 | 89.0<br>90.7         |
| ≥ 2000                     | 9.0          | 95.3                 | 95.6                 |              | 95.d<br>97.4 | 95.A                 | 95.9                 | 95.9                 | 95.9                 | 95.9                 | 95.9                 | 96.0                 | 76.0<br>97.6   | 96.0<br>97.6 | 96.0         | 96.0                 |
| ≥ 1500                     | (1.5         | 97.9                 | 94.4                 | 98.5<br>98.8 | 98.7         | 99.1                 | 98.9                 | 98.9                 | 99.3                 | 99.0                 | 99.0                 | 99.0                 | 99.0           | 99.0         | 99.0         | 99.0                 |
| ≥ 1000                     | 71.5<br>91.5 | 93.3                 | 98.8                 | 99.0         | 99.3         | 99.3                 | 99.5                 | 99.6                 | 99.6                 | 99.6                 | 99.7                 | 99.7                 | 99.7           | 99,7         | 99.7         | 99,7                 |
| ≥ 800<br>≥ 700             | 71.5         | 98.3                 | 98.8<br>98.8         | 99.0         | 99.3         | 99.4                 | 99.5                 | 99.5                 | 99.7                 | 99.7                 | 99.8                 | 99.9                 | 99.9           | 99.9         | 99.9         | 99,9                 |
| ≥ 600<br>≥ 500             | 91.5         | 98.4                 | 94.9                 | 99.1         | 99.4         | 99.4                 | 99.6                 | 99.7                 | 99.7                 | 99.8                 | 99.9                 | 99,9                 | 100.0          | 100.0        |              | 100.0                |
| ≥ 400                      | 91.5         | 91,4                 | 98.9                 | 99.1         | 99.4         | 99.4                 | 99.6                 | 99.7                 | 99.7                 | 99.8                 | 99.9                 | 99.9                 |                | 100.0        | *****        | 100.0                |
| ≥ 200                      | 91.5         | 99.4                 | 9H.9                 |              | 99.4         | 99.4                 | 99.6                 | 99.7                 | 99.7                 | 99.8                 | 99.9                 |                      | 100.0          | 100.0        |              | 100.0                |
| ≥ 0                        | 91.3         | 93,4                 | 94.9                 | 99.1         | 99.4         | 99,4                 | 99.6                 | 99,7                 | 99.7                 | 99.6                 | 99,9                 | 99,9                 | 100 <b>.</b> 0 | 100.0        | 100 d        | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

11325

USAF ETAC 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATA PROCESSING SHANCH USAF ETAR AIR EAT BE LEMVICEV NC

# CEILING VERSUS VISIBILITY

215

WINGST IN ISLANDING PACIFIC IS

40-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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| CEILING                    |              |              |              |              |                      |      | VIS                  | BILITY IST   | ATUTE MIL            | ES:          |              |       |              |              |              |              |
|----------------------------|--------------|--------------|--------------|--------------|----------------------|------|----------------------|--------------|----------------------|--------------|--------------|-------|--------------|--------------|--------------|--------------|
| FEET                       | ≥ 10         | ≥6           | ≥ 5          | ≥ 4          | ≥ 3                  | ≥217 | ≥ 2                  | ≥112         | ≥1′4                 | ≥1           | ≥ ⅓,         | ≥ 5/6 | ≥ 1⁄2        | ≥ 5 16       | ≥%           | ≥0           |
| NO CEILING<br>≥ 20000      | 7.0          | 71.9         | 71.0         | 71.7         | 71.7                 | 71.9 | 71.0                 | 71.3         | 71.0                 | 71.0         | /1.0<br>71.3 | 71.0  | 71.0<br>71.3 | 71.0         | 71.0<br>71.3 | 71.0         |
| ≥ 18000<br>≥ 16000         | 7.¥          | 71.3         | 71.3         | 71.3<br>71.3 | 71.3                 | 71.3 | 71.3                 | 71.3<br>71.3 | 71.3                 | 71.3         | 71.3<br>71.3 | 71.3  | 71.3<br>71.3 | 71.3<br>71.3 | 71.3<br>71.3 | 71.3<br>71.3 |
| ≥ 14000<br>≥ 12000         | 6,84<br>69,0 | 71.8         | 71.8         | 71.8         | 71.8<br>72.6         |      |                      | 71.8         | 71.8                 | 71.8         | 72.6         | 71.6  |              | 72.6         | 72.6         | 71.8<br>72.5 |
| ≥ 10000<br>≥ 9000          | 73.7         | 74.9         | 77.3         | 74.0         | 74.9                 | 74.5 | 77.4                 | 74.9         | 74.9                 | 74.9<br>77.4 | 74.9         | 74.3  | 74.9         | 77.4         | 77.4         | 74.7         |
| ≥ 8000<br>≥ 7000           | 74.H         | 79.2<br>80.4 | 20.4         | 79.3<br>50.4 | 79.3<br>80.3         | 79.3 | 80,5                 | 79.3         | 79.3<br>80.5         | 79.3<br>80.5 | 79.3         |       | 79.3         | 80.5         | 80.5         | 80.5         |
| ≥ 6000<br>≥ 5000           | 17.5         | 81.1         | 81.2         |              |                      | 81.3 |                      | 82.7         | 81.3<br>82.7         | 81.3         |              | 82.7  | 82.7         |              | A . 7        | 82.7         |
| ≥ 4500<br>≥ 4000           | 77.9         | 83.5         | 13.6<br>85.4 | 85.4         | 85.6                 |      | 83.7                 | 83.7<br>35.6 | 83.7                 | 85.6         | 83.7         |       | 83.7<br>85.6 | 85.6         | 115.6        | 85.6         |
| ≥ 3500<br>≥ 3000           | 4.0          | 87.4         | 87.4<br>87.6 |              | 37.6                 | 87.6 | 87.6                 | 89.9         | 89.9                 | 87.6<br>89.9 | 89.9         |       | 89.9         | 49.9         | 99.9         | 89.9         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 2.7          | 91.5<br>95.7 | 91.7         | 96.5         | 91.9<br>96.7<br>97.9 | 91.9 | 91.9<br>96.7<br>97.9 | 91.9<br>96.7 | 91.9<br>96.7<br>97.9 | 96.8         | 96.8         |       |              | 96.8         | 96.8         |              |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | -1.0         | 97.3         | 78.4         | 99.3         | 96.8                 | -    | 98.8                 | 98.8         | 98.8                 | 98.9         | 98.9         | 98.0  | 98.9         | 98.9         | 94.9         | 98.9         |
| ≥ 1000                     | 71.1         | 97.9         | 98.6         | 93.6         |                      | 99.1 | 99.4                 | 99.4         | 99.4                 | 99.9         |              | 99.8  |              | 99.9         | 99.9         | 1 1 4 4      |
| ≥ 800<br>≥ 700             | 91.1         | 97.9         | 98.0         | 98.7<br>98.7 |                      | 99.2 | 99.4                 | 99,5         | 99.5                 | 99.9         | 99.9         | 99.9  |              |              | 100.0        |              |
| ≥ 600                      | 91.1         | 97.9         | 98.6<br>98.6 |              |                      | 99.2 | 99.4                 | 99.5         | 99.5                 | 99.9         | 99.9         | 99.9  | 100.0        |              | 100.0        |              |
| ≥ 400                      | 91.1         | 97.9         | 98.6<br>98.0 |              | 99.2                 | 99.2 | 99.4                 | 99.5         | 99.5                 | 99.9         | 99.9         | 99.9  | 100.0        | 100.0        |              |              |
| ≥ 200                      | 91.1         | 97.9         | 98.6<br>98.6 | 94.7         | 99.2                 | 99.2 | 99.4                 | 99.5         | 99.5                 | 99.9         |              | 99.9  | 100.0        | 100.0        |              | 100.0        |
| ≥ 0                        | 11.1         | 97.9         |              |              |                      |      | 99.4                 |              | 99.5                 |              |              |       |              |              | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS.\_\_\_\_

1300

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

51000

SUPPLY ISLANDA PARTIES IS

49-72

MONTH ---

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0300

| CEILING                    |            |                      |              |                      |              |                      | VISI         | BILITY ST | ATUTE MILI   | ES:          |              |                      |              |              |                      |                      |
|----------------------------|------------|----------------------|--------------|----------------------|--------------|----------------------|--------------|-----------|--------------|--------------|--------------|----------------------|--------------|--------------|----------------------|----------------------|
| FEET                       | ≥10        | ≥6                   | ≥ 5          | ≥ 4                  | ≥3           | ≥212                 | ≥ 2          | ≥119      | ≥1           | ≥1           | ≥ 1/4        | ≥ >⁄8                | ≥ %          | ≥ 5 16       | ≥ ½                  | ≥0                   |
| NO CEILING<br>≥ 20000      | 66.4       | 69.8                 |              | 69.4<br>69.8         |              | 69.4<br>69.8         | 69.4         | 69.4      | 69.4         | 69.4         | 69.4         | 69.4                 | 69.4<br>69.8 | 69.4         | 69.4                 | 69.4                 |
| ≥ 18000<br>≥ 16000         | 6.6        | 69,3                 | 39.9         | 69.9                 | 69.5         | 69.8                 | 67.8         | 69.8      | 69.8         | 69.8         | 69.8         | 69.8                 | 69.8         | 69.8         | 69.8                 | 69.8                 |
| ≥ 14000<br>≥ 12000         | 07.7       | 70.1                 | 70.1         | 70.1                 | 70.1         | 70 • 1<br>71 • 2     | 70.1         | 70.1      | 70.1         | 70.1         | 70.1<br>71.2 | 70.1<br>71.2         | 70.1<br>71.2 | 70.1         | 70.1<br>71.2         | 70.1                 |
| ≥ 10000<br>≥ 9000          | 71.1       | 73.1                 | 73.1<br>75.2 | 73.1<br>75.2         | 73.3         | 73.3                 | 73.3         | 73.3      | 73.3<br>75.5 | 73.3<br>75.5 | 73.3         | 73.3                 | 73.3<br>75.5 | 73.3<br>75.5 | 73.3                 | 73.3<br>75.5         |
| ≥ 8000<br>≥ 7000           | 72.2       | 76.6                 | 78.2         | 76.F                 | 77.0         | 77.0                 | 77.0         | 77.0      | 77.0<br>78.5 | 77.0         | 77.0         | 77.0                 | 77.0         | 77.0         | 77.0                 | 77.0<br>78.5         |
| ≥ 6000<br>≥ 5000           | 74.0       | 78.8<br>80.9         | 31.3         | 79.2                 | 79.5         | 79.5                 | 79.5         | 79.6      | 79.6         | 79.5         | 79.6         | 79.6                 | 79.6         | 79.6<br>81.6 | 79.6<br>81.6         | 79.6<br>81.6         |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 77.1       | 82.3<br>84.0<br>85.7 | 84.4         | 82.7                 | 83.0         | 83.0                 | 84.8         | 83.0      | 83.0         | 84.9         | 83.0         | 83.0                 | 83.0         | 33.0         | 83.0                 | 84.9                 |
| ≥ 3000<br>≥ 3000           | 2.3<br>4.5 | 68.0<br>90.3         |              | 86.2                 | 86.5<br>8.88 | 86.5<br>88.8<br>91.3 | 86.6<br>88.9 | 86.0      | 86.6<br>89.0 | 86.6<br>89.1 | 86.6         | 86.6                 | 86.6         | 86.6         | 89.1                 | 86.6                 |
| ≥ 2000                     | 18.8       | 94.5                 | 95.0         | 90.7<br>95.1<br>95.9 | 95.7         | 95.7<br>96.5         | 95.7         | 95.6      | 95.8         | 95.9         | 91.6<br>95.9 | 91.6<br>95.9<br>96.8 | 95.9         | 91.6         | 91.6<br>95.9<br>96.8 | 91.6<br>95.9<br>96.8 |
| ≥ 1500                     | 9.4        | 94.5                 | 97.1         | 97.2<br>97.8         | 97.4         | 97.9                 | 98.2         | 98.2      | 98.2         | 98.4         | 98,4         | 98.4                 | 98.4         | 96.8<br>98.4 | 93.4                 | 96.4                 |
| ≥ 1000                     | 9.0        | 97.1                 | 97.9         | 98.0                 | 98.9         | 99.0                 | 99.2         | 99.3      | 99.3         | 99.4         | 99.5         | 99.5                 | 99.7         | 99.7         | 99.7                 | 99.7                 |
| ≥ 800                      | 9.6        | 97.1                 | 97.9         | 98.0                 | 98,9         | 99.0                 | 99.3         | 99.3      | 99.3         | 99.5         | 99.6         | 99.6                 | 99.8         | 99.8         | 99.6                 | 99.8                 |
| ≥ 600<br>≥ 500             | 79.6       | 97.1                 | 97.9         | 98.0                 | 98.9         | 99.0                 | 99.3         | 99.3      | 99.3         | 99.5         | 99.6         | 99.6                 | 100.0        | 100.0        | 100.0                | 100.0                |
| ≥ 400                      | 29.0       | 97.1                 | 97.9         | 98.0                 | 98.9         | 99.0                 | 99.3         | 99.3      | 99.3         | 99.5         | 99.6         | 99.6                 | 100.0        | 100.0        | 100.0                | 100.0                |
| ≥ 200                      | 19.0       | 97.1                 | 97.9         | 98.0<br>98.0         | 98.9         | 99.0                 | 99.3         | 99.3      | 99.3         | 99.5         | 99.6         | 99.6                 | 100.0        | 100.0        | 100.0                | 100.0                |
| ≥ 0                        | . 4.0      | 97.1                 | 97.9         | 98.0                 | 98.9         | 99.0                 | 99.3         | 99.3      | 99.3         | 99.5         | 99.6         | 99.6                 | 100.0        | 100.0        | 100.0                | 100.0                |

TOTAL NUMBER OF OBSERVATIONS 1351

USAF ETAC PRINT 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FATA PROCESSING MANCH USAF ETAL MIR EAT ER TERVICEZORG

# **CEILING VERSUS VISIBILITY**

JEPANIET IL INLINENTE ACTRIC 15

49-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C 000-0800

MONTH.

| CEILING               |              |              |              |              |              |              | VISI         | BILITY (STA  | ATUTE MILI   | S)           |              |              |               |                |               |               |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|----------------|---------------|---------------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥21/2        | ≥ 2          | ≥1'5         | ≥1 %         | ≥1           | ≥ 1/4        | ≥ 5/8        | د: ≤          | ≥ 5 · 16       | ≥%            | ≥0            |
| NO CEILING<br>≥ 20000 | 35.0<br>56.7 | 57.B         | 57.8<br>59.6 | 57.8<br>59.6 |              | 57.8         | 57.8<br>59.6 | 57.8<br>59.6 | 57.8         | 57.8<br>54.6 | 57.6<br>59.6 | 57.5<br>59.6 | 57.8<br>59.6  |                |               |               |
| ≥ 18000<br>≥ 16000    | 7.0          | 59.8<br>59.9 |              | 59.8<br>59.9 | 59.8         | 59.8         | 59.8         | 59.8         | 59.8<br>59.9 | 59.8         |              | 59.8         |               | 59.8<br>59.9   |               | 59.8<br>59.9  |
| ≥ 14000<br>≥ 12000    | 57.5<br>58.2 | 61.6         | 60.7         | 61.6         | 60.7         | 60.7         | 61.6         | 60.7         | 60.7         | 61.6         | 61.6         | 61.6         | 60.7          | 60.7           | 61.6          | 60.7          |
| ≥ 10000<br>≥ 9000     | 00.1<br>^2.6 | 63.7         | 53.7         | 63.7         | 63.7         | 63,7         | 63.7         | 63.7         | 63.7         | 63.7<br>66.8 | 63.7         | 63.7         | 63.7          | 63.7           | 63.7          | 63.7          |
| ≥ 8000<br>≥ 7000      | 74.6<br>65.7 | 69.1<br>70.5 | 69.1<br>70.7 | 70.9         | 69.2<br>70.9 | 70.9         | 71.1         | 71.1         | 69.4         | 71.1         | 69.4         | 67.4         | 69.4          |                |               |               |
| ≥ 6000<br>≥ 5000      | 66.9<br>70.2 | 71.7         | 72.0<br>75.6 | 72.1<br>75.7 | 72.1         | 72.1         | 72.4         | 72.4         | 72.4         | 72.4         | 72.4         | 72.4         | 72.4          | 72.4           | 72.4          | 72.4          |
| ≥ 4500<br>≥ 4000      | 70.7         | 75.6         | 76.2<br>80.4 | 76.4<br>80.6 | 76.4         | 76.4         | 76.6         | 76.6         | 76.6<br>80.9 | 76.6         | 76.6         | 76.6<br>80.9 | 76.6          | 76.6           | 76.6<br>40.9  | 76.6<br>80.9  |
| ≥ 3500<br>≥ 3000      | 17.9         | 63.4<br>65.6 | 83.6<br>66.1 | 84.0<br>86.3 | 84.2         | 84.2         | 84.4         | 84.4         | 84.4<br>86.7 | 84.4         | 84.4         | 84.4         | 84.4          | 84.4<br>84.8   | 84.4<br>86.9  | 84.4<br>86.5  |
| ≥ 2500<br>≥ 2000      | . 5. 9       | 88.3<br>94.1 | 38.8<br>94.6 | 94.9         | #9.1<br>95.1 | 89.1<br>95.1 | 89.4<br>95.3 | 95.3         | 89.4         | 95.4         | 89.4         | 89.4<br>95.4 | 89.5<br>95.5  | 95.5           | 89.5<br>95.5  | 89.5<br>95.5  |
| ≥ 1800<br>≥ 1500      | 9,4<br>00,5  | 95.7         | 96.3         | 96.6<br>93.2 | 96.8<br>98.4 | 96.8         | 97.0         | 97.0<br>98.8 | 97.0         | 97.1         | 97.1         | 97.1         | 97.1<br>99.0  |                | 97.1<br>99.0  | 97.1<br>99.0  |
| ≥ 1200<br>≥ 1000      | 90.6         | 97.5         | 98.2<br>98.4 | 98.5         |              | 98.8<br>99.0 | 99.0         | 99.5         | 99.3         | 99.4         | 99.4         | 99.4         | 99.5          | 99.5           | 99.5          | 99.5          |
| ≥ 900<br>≥ 800        | 40.7         | 97.7         | 98.4<br>98.4 | 93.0         | 99.0         | 99.0         | 99.3         | 99.6         | 99.6         | 99.8         | 99.8         | 99.3         | 99.9<br>100.0 | 99.9           | 99.9<br>100.0 | 99.9<br>100.0 |
| ≥ 700<br>≥ 600        | 90.7         | 97.7<br>97.7 | 98.4<br>98.4 | 98.6         | 99.0         | 99.0         | 99.3         | 99.6         | 99.6         | 99.8<br>99.8 | 99.8         | 99.8         | 100.0         | 100.0<br>100.0 |               | 100.0         |
| ≥ 500<br>≥ 400        | 90.7<br>90.7 | 97.7         | 98.4         | 98.6         |              | 99.0         | 99.3         | 99.6         | 99.6         | 99.8         | 99.8         | 99.4         | 100.0         | 100.0          | 100.0         | 100.0         |
| ≥ 300<br>≥ 200        | 90.7         | 97.7         | 98.4<br>98.4 | 98.6         | 99.0         | 99.0         | 99,3         | 99,6         | 99.6         | 99,8         | 99.8         |              | 100.0         | 100.0          | 100.0         | 100.0         |
| ≥ 100<br>≥ 0          | 90.7         | 97.7<br>97.7 | 98.4         | 98.6         |              | 99.0         | 99.3         | 99,6         | 99.6         | 99.8<br>99.8 | 99.8         | - · ' I      | 7             |                | 100.0         |               |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

1364

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDIT ONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

JUN NOTEN ISLANDYPACIFIC IS

49-72

0900-1100

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                 |                      |              | _            |                      |              |              | VIS          | BILITY (STA  | ATUTE MILI   | ES;          |              |              |              |              |              |              |
|-------------------------|----------------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET.                   | ≥10                  | ≥6           | ≥5           | ≥ 4                  | ≥3           | ≥2'7         | ≥ 2          | ≥11/2        | ≥1¼          | ≥ı           | ≥ 1⁄4        | ≥ %          | ≥ ½          | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000   | 62.9                 | 64.E         | 64.d<br>66.1 | 64.8<br>66.1         | 64.8<br>66.1 | 64.8         | 64.8         | 64.8<br>66.1 | 64.8         | 64.8<br>66.1 | 64.8         | 64.8<br>66.1 | 66.1         | 64.8         | 64.8<br>56.1 | 64.8         |
| ≥ 18000<br>≥ 16000      | 63.0<br>63.0         | 66.2         | 66.2         | 66.2                 | 66.2         | 66 . 2       | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         | 66.2         |
| ≥ 14000<br>≥ 12000      | 53.2<br>64.3         | 66.4<br>68.1 | 66.4<br>68.1 | 66.4<br>66.1         | 56.4<br>68.1 | 66.4<br>68.1 | 66.4<br>68.1 | 66.4<br>68.1 | 66.4         | 66.4<br>65.1 | 66,4<br>68,1 | 66.4         | 66.4<br>68.1 | 66.4         | 66.4         | 66.4         |
| ≥ 10000<br>≥ 9000       | 60.6<br>89.4         | 70.7         | 70.7         | 70.7                 | 70.7         | 70.7<br>73.7 | 70.7<br>73.7 | 70.7         | 70.7<br>73.7 | 70.7<br>73.7 | 70.7<br>73.7 | 70.7<br>73.7 | 70.7         | 70.7<br>73.7 | 7C.7         | 70.7         |
| ≥ 8000<br>≥ 7000        | 71.5<br>72.7         | 76.0         | 76.1<br>77.0 | 76.1<br>77.6         | 76.1<br>77.7 | 76.1<br>77.3 | 76.1<br>77.8 | 76,1<br>77,8 | 70.1<br>77.8 | 76.1<br>77.8 | 76.1<br>77.6 | 76.1<br>77.5 | 76.1<br>77.8 | 76.1<br>77.8 | 76.1<br>77.8 | 76.1<br>77.8 |
| ≥ 6000<br>≥ 5000        | 74.0                 | 75.9<br>87.1 | 79.1         | 79.1                 | 79.2         | 79.2<br>82.5 | 79.2         | 79.7         | 79.2<br>82.5 | 79.2<br>82.5 | 79.2<br>82.5 | 79.2<br>82.5 | 79.2<br>82.5 | 79.2<br>82.5 | 79.2<br>82.5 | 79.2<br>82.5 |
| ≥ 4500<br>≥ 4000        | 78.4<br>51.0         | 83.8         | 96.9         | 84.0<br>85.9         | 94.1<br>50.9 | 84.2<br>87.0 | 84.2         | 34.2<br>87.0 | 84.2<br>87.0 | 84.2<br>87.0 |              | 84.2<br>87.0 | 84.2         | 84.2<br>87.0 | 84.2<br>87.0 | 87.0         |
| ≥ 3500<br>≥ 3000        | "2.8<br>-4.0         | 88.8<br>90.0 | 90.2         | 89.0<br>90.2         | 90.5         | 90.5         | 89.2<br>90.6 |              | 89.2<br>90.6 | 89.2<br>90.6 |              | 89.2<br>90.0 | 89.2<br>90.6 | 89.2<br>90.6 | 90.6         | 90.6         |
| ≥ 2500<br>≥ 2000        | .5.5<br>(8.8)        | 91.6         | 30.0         | 96.0                 | 96.4         |              | 96.6         | 96.6         | 92.4         | 92.4<br>96.6 | 96.6         | 92.4         | 92.4         | 92.4         | 90.7         | 92.4         |
| ≥ 1800<br>≥ 1500        | 9.0                  | 96.6         | 97.8         | 97.1                 |              | 97.6         | 97.7<br>98.7 | 97.7         | 97.7         | 97.7<br>98.8 | 98.8         | 97.7<br>98.8 | 97.8         | 97.8         | 97.8         | 97.8<br>98.9 |
| ≥ 1200<br>≥ 1000        | 90.2                 | 97.7         | 98.4         | 98.1<br>98.3         |              | 99.0         | 99.0         | 99.3         | 99.0         | 99.2         | 99.4         | 99.2         | 99.3         | 99.3         | 99.3         | 99.3         |
| ≥ 900<br>≥ 800          | 30.3<br>30.4         | 97.7         | 98.2         | 98.3                 | 99.1         | 99.0         | 99.3         | 99.5         | 99.3         | 99.5         | 99.5         | 99.5         | 99.6         | 99.6         | 99.6         | 99.6         |
| ≥ 700<br>≥ 600          | 90.4<br>90.4         | 97.7         | 98.2         | 98.5                 | 99.1         | 99.2         | 99.5         | 99,6         | 99.6         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 500<br>≥ 400<br>≥ 300 | >0.4<br>>0.4<br>>0.4 | 97.7<br>97.7 | 98.2         | 98.5<br>98.5<br>98.5 | 99.1         | 99.2         | 99.5<br>99.5 |              | 99.6<br>99.6 | 99.8<br>99.8 | 99,8         | 99.8<br>99.8 | 99.9         | 99.9         | 99,9         | 99,9         |
| ≥ 200                   | 90.4<br>90.4         | 97.7         | 98.2         | 98.5                 | 99.1         | 99.2         | 99,5         | 99,6         | 99.6         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0        |
| ≥ 00                    | 90.4                 | 97.7         |              | 98.5                 |              | 99.2         | 99.5         | 99.6         | 99.6         | 99.6         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         |              |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

JUNEAU DE INTERNATION NAME TO IS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING                    |              |                      |              |              |              |                      | VIS          | BILITY (STA  | ATUTE MIL    | ES)  |              |              |              |              |              |              |
|----------------------------|--------------|----------------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                       | ≥10          | ≥6                   | ≥ 5          | ≥ 4          | ≥ 3          | ≥2';                 | ≥ 2          | ≥1°2         | ≥114         | ≥1   | ≥ 1,4        | ≥ 5/8        | ≥ '>         | ≥ 5, 16      | ≥ 1⁄4        | ≥0           |
| NO CEILING<br>≥ 20000      | 62.0<br>54.3 | 64.5                 | 64.5         | 04.5         | 64.5         | 64.5                 | 54.5         | 64.5         | 67.1         | 64.5 | 64.5         | 64.5         | 64.5         | 64.5         | 64.5         | 64.5         |
| ≥ 18000<br>≥ 16000         | 64.5         | 67.2                 | 67.2<br>57.2 | 67.2         | 67.2         | 67.2                 | 67.2         | 67.2         | 67.2         | 67.2 | 67.2         | 67.2         | 67.2         | 67.2         | 67.2         | 67.2         |
| ≥ 14000<br>≥ 12000         | 64.0<br>66.4 | 67.4                 | 67.4         | 67.4         | 67.4         | 67.4                 | 67.4         | 67.4         | 67.4         | 67.4 | 67.4         | 67.4         | 67.4         | 67.4         | 67.4         | 67.4         |
| ≥ 10000<br>≥ 9000          | 71.2         | 71.7                 | 71.7         | 71.7         | 71.7         | 71.7                 | 71.7         | 71.7<br>75.2 | 71.7         | 71.7 | 71.7         | 71.7<br>75.7 | 71.8         | 71.8<br>75.3 | 71.8<br>75.3 | 71.8<br>75.3 |
| ≥ 8000<br>≥ 7000           | 72.9         | 78.1                 | 77.0         |              |              | 77.1<br>78.3         | 77.1<br>78.3 | 77.1         | 77.1<br>75.3 | 77.1 | 77.1<br>78.3 | 77.1<br>78.3 | 77.2<br>78.3 | 77.2         | 77.2         | 77.2<br>78.3 |
| ≥ 6000<br>≥ 5000           | 74.8         | 70.9                 | 82.2         | 82,3         | 79.1<br>82.3 | 79.1<br>82.3         | 79.1         | 79.1<br>82.3 | 79.1         | 79.1 | 79.1<br>82.3 | 79.1<br>82.3 | 79.1         | 79.1<br>82.4 | 79.1<br>82.4 | 79.1<br>82.4 |
| ≥ 4500<br>≥ 4000           | 79.0         | 86.0                 | 60.1         | 86.2         | 84.1         | 84.1                 | 84.1         | 84.1         | 84.1         | 84.1 | 86.2         | 84.1         | 84.2         | 84.7         | 94.2<br>86.3 | 84.2         |
| ≥ 3500<br>≥ 3000           | 2.3          | 85.8                 | 86.9         | 87.0         | 87.1         | 87.1                 | 87.1         | 87.1         | 87.1         | 88.5 | 87.1         | 87.1<br>88.5 | 87.2         | 87.2         | 97.2<br>88.6 | 87.2         |
| ≥ 2500<br>≥ 2000           | -5.1<br>-9.1 | 94.9                 | 95.2         | 90.2         | 90.4         | 90.4                 | 30.4         | 95.7         | 90.4         | 90.4 | 90.4         | 90.4         | 30.5<br>95.8 | 90.5         | 95.8         | 90.5         |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 90.9         | 95.0<br>97.3<br>97.4 |              | 96.6<br>98.0 |              | 96.9<br>98.3<br>98.7 | 96.9<br>98.3 | 98.3         | 96.9         | 96.9 | 96.9         | 98.3         | 97.0         | 97.0         | 97.0         | 98.4         |
| ≥ 1000                     | 71.4         | 97.7                 | 98.0         | 98.4         | 98.9         | 98.9                 | 99.0         | 99.1         | 98.8<br>99.1 | 98.8 | 98.8<br>99.1 | 98.8<br>99.1 | 98.9<br>99.3 | 98.9<br>99.3 | 98.9<br>99.3 | 98.9<br>99.3 |
| ≥ 800                      | 91.4         | 97.9                 | 28.2         | 98.7         | 99.3         | 99.3                 | 99.5         | 99.6         | 99.6         | 99.6 | 99.6         | 99.6         | 99.8         | 99.8         | 99.8         | 99.8         |
| ≥ 600                      | 71.4         | 97.9                 | 98.2         | 98.7         | 99.3         | 99.3                 | 99.5         | 99.6         | 99.7         | 99.8 | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 400                      | 91.4<br>91.4 | 97.9                 | 98.2         | 98.7         | 99.3         | 99.3                 | 99.5         | 99.6         | 99.7         | 99.8 | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 200                      | 91.4         | 97.9                 | 98.2         | 98.7         | 99.3         | 99.3                 | 99.5         | 99.6         | 99.7         | 99.8 | 99.8         | 99.8         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 0                        | 51.4         | 97,9                 | 94.2         | 99.7         | 99.3         | 99.3                 | 99.5         | 99.6         | 99.7         | 99.R | 99.8         | 99.8         | 99.9         |              | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

USAF ETAC 101 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PRUCESSING TRANCH USAF ETAT AIR FEATHER SE VICE/MAC

# **CEILING VERSUS VISIBILITY**

2

JOENSTON ISLANDAPACIFIC IS

49-72

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING                   |  |              |              |              |                      |                      | VIS          | IBILITY (STA | ATUTE MIL    | ESI          |              |              |              |              |              |              |
|---------------------------|--|--------------|--------------|--------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                      | ≥10  | ≥6           | ≥ 5          | ≥ 4          | ≥3                   | ≥2 ⅓                 | ≥ 2          | ≥1'7         | ≥1/2         | ≥1           | ≥ ⅓4         | ≥ %          | ≥ ½          | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000     | 63.3   | 65.0<br>68.8 | 66.0<br>48.8 | 66.0         | 56.U                 | 66.0                 | 66.0         | 66.3         | 66.0         |              | 66.0         | 66.7         | 66.0<br>68.8 |              | 66.0<br>68.8 |              |
| ≥ 18000<br>≥ 16000        | 45.7   | 68.8         | 58.8<br>59.0 | 68.6         | 68.8                 | 69.6                 | 68.8         | 68 B         | 68.8         | 68.8         | 68.8         | 68.8         | 68.8         | 68.8         | 68.8         |              |
| ≥ 14000<br>≥ 12000        | 66.3<br>27.3                                   | 69.4<br>70.8 | 69.4<br>70.8 | 69.4<br>70.8 | 69.4<br>70.8         | 69.4<br>70.8         | 69.4         | 69.4<br>70.8 | 69.4<br>70.8 | 69.4<br>70.8 | 69.4<br>70.8 | 69.4         | 69.4<br>70.8 | 69.4<br>70.8 | 70.8         |              |
| ≥ 10000<br>≥ 9000         | 70.1<br>72.6                                   | 74.1         | 74.1<br>77.2 | 74.1<br>77.2 | 74.1                 | 74.1                 | 74.1<br>77.2 | 74.1<br>77.2 | 74.1         | 74.1<br>77.2 | 74.1<br>77.2 | 74.1         | 74.1         | 74.1         | 74.1         | 74,1<br>77,2 |
| ≥ 8000<br>≥ 7000          | 74.4   | 79.4<br>80.9 | 79.4<br>80.9 | 79.4         | 79.4<br>80.9         | 79.4                 | 79.4<br>80.9 | 79.4         | 79.4<br>89.9 | 79.4<br>80.9 | 79.4<br>80.9 | 79.4         | 79.4<br>86.9 | 79.4         | 79.4         | 79.4<br>80.9 |
| ≥ 6000<br>≥ 5000          | 76.4<br>78.0                                   | 83.4         | 84.4         | 81.3         | 81.3                 | 81.3                 | 81.3         | 81.3         | 81.3         | 81.3         | 81.3         | 81.3         | 81.3         | 81.3         | 81.3         | 83.4         |
| ≥ 4500<br>≥ 4000          | 79.3   | 84.7         | 87.1         | 87.1         | 84.7                 | 84.7                 | 84.7         | 84.7<br>87.1 | 64.7<br>87.1 | 84.7         | 84.7         | 84.7<br>87.1 | 84.7         | 84.7         | 84.7         | 87.1         |
| ≥ 3500<br>≥ 3000          | -2.0<br>7.63                                   | 87.9         | 38.0         | 89.9         | 88.0                 | 90.0                 | 90.0         | 88.1<br>90.0 | 90.0         | 90.0         | 90.0         | 88.1<br>90.0 |              |              |              |              |
| ≥ 2500<br>≥ 2000          | 9.2  | 91.4         | 91.5         | 91.5         | 91.3<br>96.1         | 91.6                 | 91.7         |              | 91.7         | 91.7         | 91.7<br>96.7 | 91.7         | 91.7         | 91.7         | 91.7         | 91.7         |
| ≥ 1800<br>≥ 1500          | 4.0°   | 90.4         | 96.8<br>97.9 | 96.9<br>95.0 | 97.1<br>98.2<br>98.5 | 97.1<br>98.2<br>98.6 | 98.6         | 97.7         | 97.7<br>98.8 | 97.7         | 97.7         | 97.7<br>98.8 | 98.8         | 97.7         | 97.7<br>98.8 | 98.3         |
| ≥ 1200<br>≥ 1000<br>≥ 900 | و بن<br>و ون <sup>ي</sup><br>و ون <sup>ي</sup> | 97.5         | 98.2         | 98,5         | 90.7                 | 98.6                 | 99.0         | 99.2         | 99.4         | 99.5         | 99.5         | 99.3         | 99.3         | 99.3         | 99.3<br>99.5 | 99.3         |
| ≥ 800<br>≥ 700            | 90.6   | 97.7         | 98.5         | 98.7         | 99.0                 | 99.1                 | 99.5         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100-0        | 100.0        | 100.0        |
| ≥ 600                     | 70.6   | 97.7         | 98.5         | 98.7         | 99.0                 | 99.1                 | 99.5         | 99.9         | 99.9         | 100.0        | 00.0         | 100.0        | 100-0        | 100.0        | 100.0        | 100.0        |
| ≥ 400                     | °0.0   | 97.7         | 98.5         | 98.7         | 99.0                 | 99.1                 | 99.5         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 200                     | 90.6   | 97.7         | 98.5         | 98.7         | 99.0                 | 99.1                 | 99.5         | 99.9         |              | 100.0        |              | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 0                       | 90.0   | 97.7         | 98.5         | 96.7         | 99.0                 | 99.1                 | 99,5         | 99.9         | 99,9         | 100.0        |              | 100.0        | 100.0        |              | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS.....

USAF ETAC 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR EAT E FENTCH! NO

# CEILING VERSUS VISIBILITY

YEARS

2160.3

MATTER TEL TO ACTE TO IS

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH . 1 # 0 C - 2000

| CEILING                 |              |              |      |              |              |      | VIS          | BILITY (ST | ATUTE MILI   | ES)          |              |       |              |              |              |              |
|-------------------------|--------------|--------------|------|--------------|--------------|------|--------------|------------|--------------|--------------|--------------|-------|--------------|--------------|--------------|--------------|
| FEET:                   | ≥10          | ≥6           | ≥5   | ≥ 4          | ≥3           | ≥2⅓  | ≥ 2          | ≥1%        | ≥1%          | ≥1           | ≥ ¾          | ≥ 3/8 | ≥%           | ≥ 5:16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000   | 61.0         | 64.9         | 64.9 | 64.9         | 64.9         | 64.9 | 64.9         | 66.1       | 64.9         | 64.7         | 64.9         | 64.5  | 64.9         | 64.9         | 64.9         | 64.7         |
| ≥ 18000<br>≥ 16000      | 62.9         | 66.2         | 66.2 | 66.1         | 66.1         | 66.2 | 66.2         | 66.2       | 66.2         | 66.2         | 66.1         | 66.2  | 66.1         | 66.1         | 66.2         | 66.1         |
| ≥ 14000<br>≥ 12000      | 64.5         | 67.0<br>68.3 | 57.0 | 67.0<br>68.3 | 67.0         | 68.3 | 67.0         | 67.0       | 67.0<br>68.3 | 67.0<br>68.3 | 68.3         | 67.0  | 67.0         | 67.0<br>68.3 | 67.0         | 67.0         |
| ≥ 10000<br>≥ 9000       | 68.9         | 70.3         | 70.3 | 70.3         | 70.3         | 70.3 | 70.3         | 70.3       | 70.3<br>73.9 | 70.3<br>73.9 | 70.3         | 70.3  | 70.3         | 70.3         | 70.3         | 70.3<br>73.9 |
| ≥ 8000<br>≥ 7000        | 70.9         | 76.0         | 76.0 |              | 76.0         | 76.0 | 76.0         | 76.0       | 76.0         | 76.0         | 76.0<br>77.6 | 76.0  | 76.0         | 76.C         | 76.0         | 76.0         |
| ≥ 6000<br>≥ 5000        | 73.1         | 78.4<br>80.7 | 78.4 | 78.4<br>80.7 | 78.4<br>80.7 | 78.4 | 78.4<br>80.7 | 78.4       | 78.4         | 78.4         | 78.4         | 78.4  | 78.4<br>80.7 | 78.4<br>80.7 | 78.4         | 78.4         |
| ≥ 4500<br>≥ 4000        | 76.0         | 81.6         | 84.5 | 81,7         | 84.5         | 84.5 | 81.7         | 84.6       | 81.7         | 81.7         | 84.6         | 81.7  | 81.7         | 81.7         | 81.7         | 81.7         |
| ≥ 3500<br>≥ 3000        | 79.7<br>2.2  | 85.6         | 85.7 | 85.7         | 85.7         | 85.7 | 88.7         | 85.7       | 85.7         | 85.7         | 85.7         | 85,7  | 85.7<br>88.7 | 85.7         | 85.7<br>88.7 | 85.7         |
| ≥ 2500<br>≥ 2000        | 3.5          | 95.2         | 99.8 | 95,6         | 95.8         | 90.0 | 90.0         | 90.0       | 90.0         | 96.0         | 90.1         | 90.1  | 96.0         | 90.1         | 90.1         | 90.1         |
| ≥ 1800<br>≥ 1500        | 9.9<br>0.5   | 97.0         | 97.4 | 98.7         | 97.5         | 97.7 | 97.8         | 97.8       | 99.0         | 97.9         | 97.9<br>99.1 | 97.9  | 97.9         | 97.9         | 97.9         | 97.9         |
| ≥ 1200<br>≥ 1000        | 90.6<br>90.6 | 98.1         | 98.5 | 98.8         | 99.0         | 99.2 | 99.2         | 99.2       | 99.2         | 99.6         | 99.4         | 99.4  | 99.4         | 99.4         | 99.4         | 99.4         |
| ≥ 900<br>≥ 800          | 90.6         | 98.3         | 98.8 | 99.2         | 99.3         | 99.4 | 99.6         | 99.6       | 99.6         | 99.9         | 99.6         | 99.6  | 99.6         | 99.6         | 99.9         | 99.6         |
| ≥ 700<br>≥ 600<br>≥ 500 | 90.6         | 99.3         | 94.8 | 99,2         | 99.3         | 99.4 | 99.6         | 99.6       | 99.6         | 99.9         | 99.9         | 99.9  | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 500<br>≥ 400<br>≥ 300 | 90.6         | 98.3         | 98.8 | 99.2         | 99.3         | 99.4 | 99.6         | 99.6       | 99.6         | 99.9         | 99.9         | 99.6  | 99,9         | 99.9         | 100 • 0      | 100.0        |
| ≥ 200                   | 90.6         | 98.3         | 98.8 | 99.2         | 99.3         | 99.4 | 99.6         | 99.6       | 99.6         | 99.9         | 99.9         | 99.9  | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 0                     | 90.0         | 98.3         | 98.8 | 99,2         | 99.3         | 99.4 | 99.6         | 99.6       | 99.6         | 99.9         | 99.9         | 99.9  | 99.9         | 99.9         | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# **CEILING VERSUS VISIBILITY**

YEARS

2160

JUNESTON ISLAND/PACIFIC IS

49-72

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

| CÉILING                    |              | .,           |              |                      |                      |              | VISI         | BILITY (STA  | TUTE MIL     | ES)          |                      | -            |              |              |                    |              |
|----------------------------|--------------|--------------|--------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------------|--------------|
| FEET                       | ≥10          | ≥6           | ≥ 5          | ≥ 4                  | ≥3                   | ≥21/2        | ≥ 2          | ≥1½          | ≥11/4        | ≥1           | ≥ 1/4                | ≥ 3/8        | ≥ 15         | ≥ 5:16       | ≥ ¼                | ≥0           |
| NO CEILING<br>≥ 20000      | 37.9<br>58.4 | 70.8         | 70.8<br>71.4 | 70.8                 | 70.8                 | 70.8<br>71.9 | 70.8         | 70.8         | 70.8         | 70.8<br>71.4 | 70.8                 | 70.8         | 70.8         | 70.8<br>71.4 | 70.8               | 70.8         |
| ≥ 18000<br>≥ 16000         | 63.4<br>63.4 | 71.4         | 71.4         | 71.4<br>71.4         | 71.4<br>71.4         | 71.4<br>71.4 | 71.4         | 71.4         | 71.4<br>71.4 | 71.4         | 71.4                 | 71.4         | 71.4<br>71.4 | 71.4         | 71.4               | 71.4         |
| ≥ 14000<br>≥ 12000         | 70.0         | 72,0         | 72.0<br>73.4 | 72.0<br>73.4         | 72.0                 | 72.0<br>73.4 | 72.0         | 72.0         | 72.0         | 72.0<br>73.4 | 72.0                 | 72.0         | 72.0<br>73.4 | 72.0         | 72.0<br>73.4       | 72.0<br>73.4 |
| ≥ 10000<br>≥ 9000          | 71.2         | 75.2<br>77.5 | 75.2<br>77.8 | 75.2<br>77.8         | 75.2                 | 75.2<br>77.8 | 75.2<br>77.8 | 75.2         | 75.2<br>77.8 | 75.2<br>77.8 | 75.2                 | 75.2<br>77.8 | 75.2<br>77.8 | 75.2<br>77.8 | 75.2<br>77.8       | 75.2<br>77.8 |
| ≥ 8000<br>≥ 7000           | 75.2         | 79.7<br>81.1 | 79.7<br>81.1 | 79.7                 | 91.1                 | 79.7         | 79.7<br>81.1 | 79.7<br>31.1 | 79.7         | 79.7<br>81.1 | 79.7<br>81.1         | 79.7<br>81.1 | 79.7         | 79.7<br>81.1 | 79.7<br>81.1       | 79.7         |
| ≥ 6000<br>≥ 5000           | 76.9<br>78.0 | 81.8         | 81.8         | 81.8                 | 81.8<br>83.0         | 83.0         | 81.8         | 81.8         | 81.8         | 81.8         | 81.8                 | 81.6<br>83.0 | 81.8<br>83.0 | 81.8<br>83.0 | 81.8<br>32.0       | 83.7         |
| ≥ 4500<br>≥ 4000           | 79.1         | 80.8         | 80.8         | 86.8                 |                      | 84.4         | 84.4<br>86.8 | 86.8         | 84.4         | 84.4         | 86.8                 | 84.4         | 86.8         | 86.8         | 84.4               | 86.8         |
| ≥ 3500<br>≥ 3000           | *4.0         | 90.0         |              | 89.1<br>90.6         |                      | 90.6         | 90.6         | 90.6         | 90.6         | 90.6         | 90.6                 | 90.6         | 90.6         | 90.6         | 89 • 1<br>9C • 6   |              |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 16.2<br>40.6 | 95.4         | 97.1         | 92.4                 | 92.5<br>97.5<br>98.2 | 92.5<br>97.3 | 92.5         | 92.5<br>97.3 | 92.5         | 92.5         | 97.3                 | 92.5         | 92.5         | 92.5         | 97.3               | 97.3         |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 70.8         | 98.0         | 98.6<br>98.6 | 98.0<br>96.5<br>98.7 | 98.7                 | 98.2<br>98.7 | 98.7         | 98.7         | 98.2<br>98.7 | 98.2<br>98.8 | 98.2<br>98.8<br>99.0 | 98.2         | 98.2<br>98.8 | 98.2         | 98.8               | 98,8         |
| ≥ 1000                     | 90.9         | 94.3         |              | 93,4                 | 99.2                 | 99.2         | 99.3         | 99.3         | 99.5         | 99.6         | 99.0                 | 99.0<br>99.6 | 99.6         | 99.0<br>99.6 | 99.6               |              |
| ≥ 800                      | 61.1<br>71.1 | 98.5         | 98.9         | 99.0                 | 99.3                 | 99.3         | 99.5         | 99.4         | 99.6         | 99.7         | 99.8                 | 99.8         | 99.9         | 99.9         | 99,9               | 99.9         |
| ≥ 600                      | 91.1         | 98.5         | 98.9         | 99.0                 | 99.3                 | 99.3         | 99.5         | 99.6         | 99.6         | 99.7         | 99.8                 | 99.9         | 99.9         | 99.9         | 99.9<br>100.4      | 99,9         |
| ≥ 400                      | 91.1         | 98.5         | 98.9         | 99.1                 | 99.4                 | 99.4         | 99.6         | 99.0         | 99.6         | 99.8         | 99.9                 | 99,9         | 99.9         | 99,9         | 100.0              | 100.0        |
| ≥ 200                      | 71.1         | 98.5         | 98.9<br>98.9 | 99.1                 | 99.4                 | 99.4         | 99.6         | 99.6         | 99.6         | 99.8         | 99.9                 | 99.9         | 99,9         | 99,9         | 100 • 0<br>100 • 0 | 100.0        |
| ≥ 0                        | 91.1         | 98.5         | 98.9         | 99.1                 | 99.4                 | 99.4         | 99.6         | 99.6         | 99.6         | 99.8         | 99.9                 | 99,9         | 99.9         |              | 100.0              |              |

USAF ETAC JULIA 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCHUSAF ETAC AIR \*EATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

21573

JUMNSTON ISLAND/PACIFIC IS

49-72

0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING          |         |      |       |      |         |       | VIS  | BILITY (ST. | ATUTE MILI | ES:  |      |       |       |        |       |      |
|------------------|---------|------|-------|------|---------|-------|------|-------------|------------|------|------|-------|-------|--------|-------|------|
| (FEET:           | ≥10     | ≥6   | ≥5    | ≥ 4  | ≥3      | ≥21/2 | ≥2   | ≥15         | ≥1 ધ્ર     | ≥1   | ≥ ¾  | ≥ 5/6 | ≥ 1/2 | ≥ 5/16 | ≥¼    | ≥0   |
| NO CEILING       | :0.0    | 72.2 | 72.2  | 72.2 | 72.2    | 72.2  | 72.2 | 72.2        | 72.2       | 72.2 | 72.2 | 72.2  | 72.2  | 72.2   | 72.2  | 72.  |
| ≥ 20000          | 53.9    | 73.1 | 73.1  | 73.1 | 73.1    | 73.1  | 73.1 | 73.1        | 73.1       | 73.1 | 73.1 | 73.1  | 13.1  | 73.1   | 73.1  | 73.  |
| ≥ 18000          | ುಟ್ಕಳ   | 73.1 | 73.1  | 73.1 | 73.1    | 73.1  | 73.1 | 73.1        | 73.1       | 73.1 | 73.1 | 73.1  | 73.1  | 73.1   | 73.1  | 73.  |
| ≥ 16000          | A8 9    | 73.1 | 73.1  | 73.1 | 73.1    | 73.1  | 73.1 | 73.1        | 73.1       | 73.1 | 73.1 | 73.1  | 73.1  | 73.1   | 73.1  | 73.  |
| ≥ 14000          | 69.Q    | 73.3 | 73.3  | 73.3 | 73.3    | 73.3  | 73.3 | 73.3        | 73.3       | 73.3 | 73.3 | 73.3  | 73.3  | 73.3   | 73.3  | 73,  |
| ≥ 12000          | 71.0    | 75.4 | 75.4  | 73.4 | 75.4    | 75.4  | 75.5 | 75.5        | 75.5       | 75.5 | 75.5 | 75.5  | 75.5  | 75.5   | 75.5  | 75.  |
| ≥ 10000          | 72.5    | 77.1 | 77.1  | 77.1 | 77.1    | 77.1  | 77.1 | 77.1        | 77.1       | 77.1 | 77.1 | 77.1  | 77.1  | 77.1   | 77.1  | 77.  |
| ≥ 9000           | 74,9    |      | 74.4  | 79.4 | 79.4    | 79.4  | 79.5 | 79,5        | 79,5       | 79.5 | 79.5 | 79.5  | 79,5  | 79.5   | 79.5  | 79.  |
| ≥ 8000<br>≥ 7000 | 70.4    | 81.1 | 41.1  | 81.1 | 81.1    | 81.1  | 81.2 | 81.2        | 81.2       | 81.2 | 81.2 | 81.2  | F1.2  | 81.2   | 81.2  | 81.  |
|                  | 17.7    | 82.6 | A 2.6 |      | 82.6    | 82.6  | 82.7 | 82.7        | 82.7       | 82.7 | 82.7 | 82.7  | 32.7  | 82.7   | 82.7  | 82.  |
| ≥ 6000<br>≥ 5000 | 78.0    | 83.0 | 43.0  | 43.0 | 93.0    | 83.0  | 83.1 | 83.1        | 83.1       | 83.1 | 83.1 | 83.1  | 83.1  | 83.1   | 83.1  | 83.  |
| ≥ 3000           | 19,8    |      | 45.0  | 85.0 | 85.0    | 83.0  | 85.0 | 85.7        | 85.0       | 85.0 | 85.0 | 85.0  | 85.0  | 85.0   | 85.0  | 85,  |
| ≥ 4500<br>≥ 4000 | ್ರ.ಡ    | 85.A | 85.9  | 85.9 | 85.9    | 85.9  | 86.0 | 86.0        | 86.0       | 86.0 | 86.0 | 86.0  | 86.0  | 86.0   | 76.0  | 86,  |
|                  |         | 67.7 | 67.9  | 87.9 |         | 87.9  | 88.0 | 88.0        | 88.0       | 88.0 | 88.0 | 88.0  | 86.0  | 88 C   | 88.0  | 88.  |
| ≥ 3500<br>≥ 3000 | 3.2     | 88.8 | 39.0  | 89.0 |         | 89.0  | 89.2 | 89.2        | 89.2       | 89.2 | 89.2 | 89.2  | 59.2  | 89.2   | 89.2  | 89.  |
|                  | 4 و ز   | 90.4 | 31.0  | 91.0 | 91.0    | 91.0  | 91.1 | 91,1        | 91.1       | 91.1 | 91.1 | 91.1  | 91.1  | 91.1   | 91.1  | 91.  |
| ≥ 2500<br>≥ 2000 | 4.67    | 97.0 | 92.6  |      |         |       | 92.7 | 92.7        | 92.7       | 92.7 | 92.7 | 92.7  | 92.7  | 92.7   | 92.7  | 92,  |
|                  | · C • 3 | 96.3 | 90.0  | 96.R | 96.8    | 76.8  | 97.0 | 97.0        | 97.0       | 97.0 | 97.0 | 97.0  | 97.0  | 97.0   | 97.0  | 97,  |
| ≥ 1800<br>≥ 1500 | 31.5    | 97.1 | 98.3  | 98.3 | 98.3    | 98.3  | 98.5 | 98,5        | 98.5       | 98.5 | 98.5 | 98.5  | 98.5  | 98.5   | 98.5  | 98.  |
|                  | 12.2    | 98.5 | 99.1  | 99.2 | 99.2    | 99.2  | 99.4 | 99,4        | 99.4       | 99.4 | 99.4 | 99.4  | 99.4  | 99,4   | 99.4  | 99,  |
| ≥ 1200<br>≥ 1000 | 92.2    | 35.6 |       | 99.4 | 99.4    | 99.4  | 99.6 | 99,6        | 99.6       | 99.6 | 97.6 | 99.6  | 99.6  | 99.6   | 99.6  | 99.  |
| ≥ 1000           | 72.5    | 3.86 | 49.5  | 99.6 |         | 99.7  | 99.9 | 99,9        | 99.9       | 99.9 | 99.9 | 99.9  | 99.9  | 99,9   | 99,9  | 99,  |
| ≥ 900<br>≥ 800   | 42.5    | 90.8 |       | 99.6 |         | 99.7  | 99.9 | 99,9        | 99.9       | 99.9 | 99.9 | 99.9  | 99.9  | 99.9   | 99.9  | 99.  |
|                  | 32.5    | 98.8 | 99.5  | 99.6 |         | 99.7  | 99.9 | 99,9        | 99.9       | 99.9 | 99,9 | 99,9  | 99,9  | 99,9   | 100.0 | 100. |
| ≥ 700<br>≥ 600   | 35.9    | 93.8 | 99.5  | 99.6 | 1 - 7 1 | 99.7  | 99.9 | 99,9        | 99.9       | 99,9 | 99.9 | 99.9  | 99.9  | 99.9   | 100.0 |      |
|                  | 72.5    | 98.8 | 99.5  | 99,6 |         | 99.7  | 99.9 | 99,9        | 99,9       | 29.9 | 99,9 | 99.9  | 99,9  | 99.9   | 100.0 | 100. |
| ≥ 500<br>≥ 400   | 92.5    | 98.8 | 99.5  | 99,6 | • •     | 99.7  | 99.9 | 99,9        | 99.9       | 99,9 | 99.9 | 99,9  | 99.9  | 99.9   | 100.0 | 100. |
|                  | 76.5    | 98.8 | 99.5  | 99,0 |         | 99.7  | 99.9 | 99.9        | 99.9       | 99.9 | 99,9 | 99.9  | 99,9  | 99,9   | 100.0 | 100. |
| ≥ 300<br>≥ 200   | 92.5    | 96.8 | 99.5  | 99.6 |         | 99.7  | 99.9 | 99,4        | 99.9       | 99.9 | 99.9 | 99,9  | 99.9  | 99.9   | 100.0 | 100. |
|                  | 44.5    | 90,8 |       | 99.5 |         | 99.7  | 99.9 | 99,9        | 99.9       | 99,9 | 99.9 | 99,9  | 99.9  | 99,9   | 100.0 | 100. |
| ≥ 100<br>≥ 0     | 92.5    | 99.8 | 99.5  | 99.6 | ,       | 99.7  | 99,9 | 7.5         | 99,9       | 99.9 | 99.9 | 99.9  | 99,9  | 99.9   |       | 100. |
| ≥ 0              | 92.5    | 98.8 | 99,5  | 99.6 | 99.7    | 99.7  | 99,9 | 99,9        | 99.9       | 99.9 | 99.9 | 99.9  | 99.9  | 99,7   | 100.0 | LOC. |

TOTAL NUMBER OF OBSERVATIONS\_\_

USAF ETAC FORM 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

( 2 KC

WATA PROJESSING FRANCH

USAF ETAL HIR EAT E . E VICE/ AC

# CEILING VERSUS VISIBILITY

JU PSTON ISLANDIPACIFIC IS

45-72

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

c<del>400-020</del>c

| CEILING                    |              |      |              |              |              |              | VIS          | IBILITY (ST  | ATUTE MIL    | ESı          |       |              |              |        |              |       |
|----------------------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|--------------|--------------|--------|--------------|-------|
| FEET                       | ≥10          | ≥6   | ≥5           | ≥ 4          | ≥ 3          | ≥ 21/2       | ≥ 2          | ≥1½          | ≥1¼          | ≥1           | ≥ 3,4 | ≥ %          | 2 '2         | ≥ 5 16 | ≥ ¼          | ≥0    |
| NO CEILING<br>≥ 20000      | 65.7         | 69.9 | 69.9         | 69.9         |              |              | 69.9         | 69.3         | 69.9         |              | _     | 69.3<br>69.9 |              | 69.3   | 69.3<br>69.9 |       |
| ≥ 18000<br>≥ 16000         | 56.4         | 69.9 | 69.9         | 69.9         |              | 69.9         | 69.9         | 69.9         | 69.9         | 69.9         | 9.4.  | 69.9         | 69.9         | 69.9   | 69.9         | 69.9  |
| ≥ 14000<br>≥ 12000         | 66.6         | 72.4 | 70.3         | 70.3         | 70.3         | 70.3         | 70.3         | 70.3<br>72.4 | 70.3         | 70.3         | 70.3  | 70.3<br>72.4 | 70.3         | 70.3   | 70.3         | 70.3  |
| ≥ 10000                    | 72.0         | 77.0 |              | 74.7         | 77.0         | 74.7         | 77.0         | 74.7         | 74.7         | 74.7         |       | 74.7         | 77.0         | 74.7   | 74.7         | 77.0  |
| ≥ 8000<br>≥ 7000           | 74.4         |      | 79.2<br>60.5 | 79.2<br>80.5 | 79.2<br>80.5 | 80.5         | 79.2<br>80.5 | 79.2<br>80.5 | 79.2<br>80.5 | 80,5         | 80.5  | 79.2         | 40.5         | 80.5   | 79.2         | 80.5  |
| ≥ 6000<br>≥ 5000           | 76.0         | 82.5 | 52.7         | 82.7         | 82.7         | 80.9<br>42.7 | 90.9         | 80.9         | 80.9         | 82.7         | 32.7  | 80.9         | 92.7         | 82.7   | P2.7         | 82.7  |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 78.2<br>50.0 | 87.0 | 63.5         | 85.4         |              | 85.4         | 83.5         | 83.5<br>85.4 | 83.5<br>85.4 | 85.4<br>87.3 | 85,4  | 83.5<br>85.4 | 83.5<br>85.4 | 85.4   | 83.5         | 85.4  |
| ≥ 3000                     | 3,5          | 88.8 | 49.0         | 89.0         |              | 89.0         | 89.0         | 89.0         | 89.0         |              |       | 89.C         | 89.0         | 89.0   | 39.0<br>91.1 |       |
| ≥ 2000                     | 70.3         | 96.1 | 96.4         | 96.5         | 96.5         | 96.5         | 96.5         | 96.5         | 96.5         | 96.5         | 96.5  | 96.5         | 96.5         | 96.5   | 76.5         | 96,5  |
| ≥ 1500                     | 41.5         | 93.3 | 99.1         | 99,1         | 99.3         | 99.3         | 99.5         | 99.4         | 99.4         | 99.4         | 99.4  | 99.4         | 99.4         | 99.4   | 99.4         | 99.4  |
| ≥ 1000                     | 91.5         | 98.7 | 99.5         | 99,6         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         |       | 99.9         | 99.9         | 99.9   | 99.9         | 99.9  |
| ≥ 800                      | 91.5         | 98.7 | 99.5         |              |              | 99.8         | 99.8         | 99,9         | 99.9         | 99.9         |       | 99.9         | 99.9         | 99,9   | 99.9         | 99.9  |
| ≥ 500                      | 91.5         | 98.7 | 99.5         | 99.6         |              | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9  | 99.9         | 99.9         | 99.9   | 99.9         | 99.9  |
| ≥ 350                      | 91.5         | 98.7 | 99.5         | 99.5         | 99.8         | 99.0         | 99.8         | 99.9         | 99,9         | 99.9         | 100.0 | 100.0        | 100.0        | 100.0  |              | 100.0 |
| ≥ 100                      | 91.5         | 98.7 | 91.5         | 99.6         | 99.8         | 99.8         | 99.8         | 99,9         | 99.9         | 99,9         | 100.0 |              |              |        |              | 100.0 |
| ≥ 0                        | 71.5         | 96.7 | 99,5         | 99,6         | 99.8         | 99.8         | 95.8         | 99.9         | 99.9         | 99,9         | 100.0 | 100.0        | 100.0        | 100,0  | 100.0        | 100.0 |

TOTAL NUMBER OF OBSERVATIONS....

1264

USAF ETAC JULIA 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS GRA ARE OBSOLETE

JATA PRUCESSING BRANCH USAF ETAC AIR REATHER REHVICEZHAC

# CEILING VERSUS VISIBILITY

BURNSTEN ISLANDY PACIFIC IS

49=72

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0050-030C

| CEILING                    | _            |              |                      |                      |                      |                      | VIS                  | BILITY (STA          | ATUTE MILI | ES)  |       |                      | _            | <u>.                                    </u> |                            |                      |
|----------------------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|------------|------|-------|----------------------|--------------|--|----------------------------|----------------------|
| FEET                       | ≥10          | ≥6           | ≥5                   | ≥ 4                  | ≥3                   | ≥2%                  | ≥ 2                  | ≥11/5                | ≥1%        | ≥1   | ≥ ¾   | ≥ %                  | ≥%           | ≥ 5/16                                       | ≥ ¼                        | ≥0                   |
| NO CEILING<br>≥ 20000      | 55.0<br>57.0 | 58.5<br>60.6 | 56.5                 | 58.5<br>60.6         | 58.5                 | 58.5<br>60.6         | 58.5                 | 58.5                 | 58.5       |      |       | 58.5<br>60.6         | 58 <b>.5</b> |  | 58.5<br>60.6               | - 1                  |
| ≥ 18000<br>≥ 16000         | >7.3         | 60.9         | 60.9                 | 60.9                 | 60.9                 | 60.9                 | 60.9                 | 60.9                 | 60.9       | 60.9 | 60.9  | 60.9                 | 60.9         |  | 60.9<br>66.9               | 60.9                 |
| ≥ 14000<br>≥ 12000         | >8.4<br>^∪.8 | 62.0         | 62.0<br>64.6         | 64.6                 | 64.6                 | 64.6                 | 62.0                 | 64.6                 | 62.0       | 64.6 |       | 64.6                 | 62.0         | 64.6   | 42.0<br>64.6               | 64.6                 |
| ≥ 10000<br>≥ 9000          | 63.1         | 69.9         | 67.2                 | 69.9                 | 69.9                 | 69.9                 | 67.2                 |                      | 67.2       | 67.2 |       | 67.2<br>69.9         |              | 67.2   | 67.2                       | 67.2                 |
| ≥ 8000<br>≥ 7000           | 68.8         | 72.2         | 72.2                 | 72.2                 | 72.2                 | 72.2                 | 72.2                 | 72.2                 | 72.2       | 73.2 | 73.2  | 72.2                 | 72.2         | 73.2   | 72.2                       | 72.2                 |
| ≥ 6000<br>≥ 5000           | 12.2         | 76.6         | 76.7                 | 76.7                 | 74.1                 | 74.1                 | 76.8                 | 76.8                 | 76.8       | 74.1 |       |                      | 74.1         |  |                            | 76.8                 |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 76.9<br>76.9 | 74.3<br>01.9 | 78.4<br>82.0<br>84.3 | 78,4<br>82.0<br>84.3 | 78.5<br>82.1<br>84.4 | 78.5<br>82.1         | 78.6<br>82.2<br>84.5 | 78.0<br>82.2<br>84.5 | 78.6       | 82.2 | 82.2  | 78.6                 | 78.6<br>82.2 | 82.2   | 62.2                       | 78.6<br>82.2         |
| ≥ 3000                     | :1.3         | 86.6         | 80.0                 | 85.8<br>90.0         | 86.9<br>90.1         | 84.4<br>86.9<br>90.1 | 86.9                 | 86.9                 | 84.5       | 86.9 |       | 84.5                 | 86.9<br>90.2 | 84.5<br>86.9<br>90.2                         | 86.9                       | 84.5                 |
| ≥ 2000                     | 9,9          | 95.9         | 95 1<br>98 0         | 96.1<br>98.1         | 96.3                 | 96.3                 | 96.4                 | 96.4                 | 96.4       |      | 96,4  | 90.2<br>96.4<br>98.3 | 96.4         | 96.4   | 90 • 2<br>96 • 4<br>98 • 3 | 90.2<br>96.4<br>98.3 |
| ≥ 1500                     | 12.5         | 98.9         | 99.1                 | 99,2                 | 99.4                 | 99.4                 | 99.4                 | 99.4                 | 99.4       | 99,4 | 99,5  | 99.5                 | 99.5         | 99.5   | 99.5                       | 99.5                 |
| ≥ 1000                     | 92.6         | 99.0         | 99.4                 | 99.5                 | 99.7                 | 99.7                 | 99.8                 | 99.8                 | 99.8       | 99.8 | 99.9  | 99.9                 | 99.9         | 99.9   | 99.9                       | 99.9                 |
| ≥ 800<br>≥ 700             | 72.0         | 99.1         | 99.5                 | 99.6                 | 99.8                 | 99.8                 | 99.8                 | 99.8                 | 99.8       | 99.9 | 100.0 | 100.0                | 100.0        | 100.0  | 100.0                      | 100.0                |
| ≥ 600<br>≥ 500             | 92.0         | 99.1         | 99.5                 | 99.6                 | 99.8                 | 99.8                 | 99.8                 | 99.8                 | 99.8       | 99,9 | 100.0 | 100.0                | 100.0        | 100.0  | 100 · C                    | 100.0                |
| ≥ 400<br>≥ 300             | 92.0         | 99.1         | 99.5                 | 99.6                 | 99.8                 | 99.R                 | 99.8                 | 99.8                 | 99.8       | 99.9 | 100.0 |                      | 100.0        | 100.0  | 100.0                      | 100.0                |
| ≥ 200                      | 02.6         | 99.1         | 99.5                 | 99.6                 | 99.8                 | 99.8                 | 99.8                 | 99.8                 | 99.8       | 99,9 | 100.0 | 100.0                | 100.0        | 100.0  |                            | 100.0                |
| ≥ 0                        | 12.0         | 99.1         | 99,5                 | 99,6                 | 99.0                 | 99.8                 | 99.8                 | 99,3                 | 99,8       |      | 100.0 |                      |              | 100.0  |                            |                      |

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

LATA PROCESSION SRANGE USAF ETAL ARTE LERVICE COLOR

# CEILING VERSUS VISIBILITY

21603 STATION

JO MOTON ISLANDIVACIFIC IS

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- HINOM 5506-1100

| CEILING               |              |              |              |              |              |              | VIS          | BILITY ISTA  | ATUTE MILI   | ES:          |              |              |              |              |              |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2,2         | ≥ 2          | ≥112         | ≥1/5         | ≥1           | ≥ ⅓4         | ≥ 2/8        | ≥ 1/2        | ≥ 5/16       | ≥¼           | ≥0           |
| NO CEILING<br>≥ 20000 | (.1<br>(.2.2 | 63.4         | 03.5<br>65.8 | 63.5         | 63.5         | 63.5         | 65.8         | 65.8         | 63.5         |              |              | 63.5         | 63.5         |              |              | 1            |
| ≥ 18000<br>≥ 16000    | 52.3         | 65.8         | 55.3         | 65.8         | 65.8         | 65.8         | 65.8         | 65.8         | 65.8         | 65.8         | 65.8         | 65.8         | 66.3         | 65.8         | 65.8         | 65.R         |
| ≥ 14000<br>≥ 12000    | 53.9         | 70.0         | 57.5         | 67.5<br>70.1 | 67.5<br>70.1 | 67.5         | 67.5         | 67.5         | 67.5<br>70.1 | 67.5<br>70.1 | 67.5         | 67.5         | 67.5         | 67.5         | 67.5         | 67.5         |
| ≥ 10000<br>≥ 9000     | 73.3         | 72.3         | 72.5         | 72.5         | 72.5         | 72.5         | 72.5         | 72.5         | 72.5         | 72.5         |              | 72.5         | 72.5         | 72.5<br>75.4 | 72.5         | 72.5         |
| ≥ 8000<br>≥ 7000      | 73.2         | 77.5         | 77.7         | 77.7         | 77.7<br>19.2 | 77.7         | 77.7         | 77.7         | 77.7         | 77.7         | 77.7         | 77.7         | 77.7         | 77.7         | 77.7         | 77.7         |
| ≥ 6000<br>≥ 5000      | 75.7         | 80.0<br>82.2 | 80.1<br>82.4 | 80.1<br>82.4 | 80.1         | 80.1<br>82.4 | 80.1         | 80.1<br>82.4 | 80.1<br>82.4 | 80.1<br>82.4 | 82.4         | 80.1         | 80.1<br>82.4 | 80.1         | 80.1<br>82.4 | BC.1<br>82.4 |
| ≥ 4500<br>≥ 4000      | 79.0         | 84.1<br>87.0 | 84.3         | 84.3         | 84.3<br>87.5 | 84.3         | 84.4         | 84.4         | 84.4         | 84.4         | 84.4         | 84.4         | 84.4         | 84.4         | 84.4         | 0 - 4        |
| ≥ 3500<br>≥ 3000      | 4.9          | 87.9<br>89.7 | 38.3         | 88.3<br>90.2 | 88.4<br>90.3 | 88.4<br>90.3 | 88.4<br>90.3 | 88.4         | 88.4         | 88.4<br>90.3 | 88.4         | 88.4         | 88.4         | 88.4<br>90.3 | 90.3         | 88.4<br>90.3 |
| ≥ 2500<br>≥ 2000      | 1.5          | 96.9         | 77.3         | 92.9<br>97.5 | 97.6         | 92.9         | 93.0         | 93.0<br>97.3 | 93.0<br>97.8 | 97,8         | 93.0         |              | 97,9         | 97,9         | 97.9         | 97.9         |
| ≥ 1800<br>≥ 1500      | 72.3         | 98.0<br>98.3 | 98.4         | 98.6         | 98.7         | 98.7         | 98.8         | 98.9         | 98.9         | 96.9         | 98.9<br>99.2 | 98.9         | 99.0         | 99.0         | 99.0         |              |
| ≥ 1200<br>≥ 1000      | 92.6         | 98.4<br>99.4 | 98.9         | 99.0         | 99.4         | 99.4         | 99.4         | 99.5         | 99.5         | 99.5         | 99.6         | 99.5         | 99.6         | 99,7         | 99.6         | 99.7         |
| ≥ 900<br>≥ 800        | 12.0         | 98.5         | 99.0         | 99.2         | 99.5         | 99.5         | 99.6         | 99.7         | 99.7         | 99.8<br>99.8 | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         |
| ≥ 700<br>≥ 600        | 92.6         | 98.5         | 99.0         | 99.2         | 99.5         | 99.5         | 99.6         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         |
| ≥ 500<br>≥ 400        | 92.0         | 98.5         | 99.0         | 99.2         | 99.5         | 99.5         | 99.6         | 99,7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 100.0        | 100.0        |
| ≥ 300<br>≥ 200        | 45.0         | 94,5         |              |              | 99.5         | 99.5         | 99.6         | 99.7         | 99.7         | 99.8         | 99.8         | 99.5         | 99.9         |              |              | 100.0        |
| ≥ 100<br>≥ 0          | 92.6         | •            |              |              | 99.5         | 99.5         | 99.6         | 99.7         | 99.7         |              |              | 99.8<br>99.8 |              | 99,9         | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_\_\_

1262

USAF ETAC JULGA 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PRICESSING TRANCH USAF ETAC AIR EATHER SERVICE/HAC

### **CEILING VERSUS VISIBILITY**

210 J

JOHNSTON ISLANDIPACIFIC IS

49-72

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-140C

| CEILING                 | 1            |              |       |              |              |              | VIS          | BILITY ISTA  | ATUTE MIL    | ES:          |              |              |              |              |              |              |
|-------------------------|--------------|--------------|-------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                    | ≥10          | ≥6           | ≥5    | ≥ 4          | ≥ 3          | ≥25          | ≥ 2          | ≥1′0         | ≥1'4         | ≥1           | ≥ ¾          | ≥ ⅓          | ≥ ⅓          | ≥ 5, 16      | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000   | -1.9<br>-4.3 | 65.5         | 65.5  |              |              | 65.5<br>68.0 | 65.5<br>68.0 | 65.5<br>68.0 | 65.5         |              | 65.5         | 65.5<br>68.0 | 65 <b>.5</b> | 65.5         | 65.5<br>68.0 | 65.5         |
| ≥ 18000<br>≥ 16000      | ~4.3<br>~4.7 | 68.1<br>68.5 | 58.1  | 68.1<br>68.5 | 68.1<br>68.5 | 68.1         | 68.1         | 68.1         | 68.1<br>68.5 | 68.1         | 68.1<br>68.5 | 68.1         | 68.1<br>68.5 | 68.1<br>68.5 | 68.5         | 68.1<br>68.5 |
| ≥ 14000<br>≥ 12000      | 69.2         | 70.1         | 70.1  | 70.1         | 70.1         | 76.1<br>73.3 | 70.1<br>73.3 | 70.1         | 70.1         | 70.1<br>73.3 | 70.1<br>73.3 | 70.1<br>73.3 | 76.1         | 70.1<br>73.3 | 70.1         | 70.1<br>73.3 |
| ≥ 10000<br>≥ 9000       | 71.9         | 76.3<br>78.9 |       | 76.3         | 70.3         | 76.3<br>79.0 | 76.3         | 76.3         | 76.3<br>79.0 | 76.3         |              | 76.3<br>79.0 | 76.3         | 76.3         | 76.3         | 76.3         |
| ≥ 8000<br>≥ 7000        | 75.9         | 80.2<br>80.9 | 61.0  | 81.0         | 91.0         | 80.3<br>81.0 | 80.3         | 80.3         | 80.3         | 81.0         | 81.0         | 80.3<br>81.0 | 81.0         | 81.0         | 81.0         | 80.3         |
| ≥ 6000<br>≥ 5000        | 77.1         | 81.5<br>64.9 | 84.1  | 84.1         | 81.7         | 81.7<br>84.2 | 84.2         | 81.7         | 84.2         | 84.2         | 14.2         | 81.7         | 81.7         | 81.7         | 81.7         | 81.7<br>84.2 |
| ≥ 4500<br>≥ 4000        | 11.0<br>2.8  |              | 87.7  | 87.7         | 87.7         | 87.7         | 85.8         | 87.7         | 85.8         | 87.7         | 87.7         | 85.8         | 87.7         | 57.7         | 85.8         | 87.7         |
| ≥ 3500<br>≥ 3000        | 34.1         | 88.8         | 119.9 |              | 90.0         | 89.1<br>90.0 | 90.0         | 90.0         | 90.0         | 90.0         |              | 90.0         | 90.0         |              | 90.0         | 90.0         |
| ≥ 2500<br>≥ 2000        | 7.7<br>2.3   | 92.6         | 98.1  | 98.1         | 92.9         | 92.9         | 98.2         | 98.2         | 92.9         | 96.2         | 98.2         | 98.2         | 98.2         | 98.2         | 98.2         | 98.2         |
| ≥ 1800<br>≥ 1500        | 73.4         | 98.4         | 99.5  | 99,5         | 99.6         |              | 99.0         | 99.7         | 99.7         | 99,8         | 99,8         | 99.6         | 99.8         | 99.8         | 99.8         | 99.8         |
| ≥ 1200                  | 73.4<br>73.4 | 99.1<br>99.1 | 99.5  | 99.5         |              |              | 99.7         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.8         | 99,8         | 99.8         | 99,8         |
| ≥ 900<br>≥ 800<br>≥ 700 | 93.4         | 99.1         | 99.5  | 99,5         | 99.0         |              | 99.7         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8<br>99.8 | 99.8         | 99.8         | 99.8         | 99.3         |
| ≥ 600                   | 93.4         | 99.1         |       | 99,5         | 99.6         | 1            | 99.7         | 99.7         | 99.7         | 99.8         | ~ ~          | 99.8         | 99.8         | 99.8         | 99.8         | 99,8         |
| ≥ 400<br>≥ 300          | 93.4         | 99.1         | 99.5  | 99.5         |              | 1            | 99.7         | 99.7         | 99.7         | 99.8         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 200                   | 03.4         | 99.1         | 99.5  | 99.5         | 99.0         | 99.6         | 99.7         | 99.7         | 99.7         | 99.8         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 0                     | 73.4         | 99.1         | 99.5  |              | 11.          | - 1          | 99.7         | 99.7         | 99.7         | 2 -          | 100.0        |              | 100.0        | 100.0        |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM IN 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

ATA PROCESSING PRANCH USAF ETAL HER SERVICE / SC

# CEILING VERSUS VISIBILITY

21600 GATION

JUINAT IN ISLA JAMON NAME

49=72

#ONTH 1300-1700

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING<br>FEET       | VISIBILITY (STATUTE MILES      |              |              |              |              |              |              |              |              |              |              |              |              |              |              |                |
|-----------------------|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
|                       | ≥10                            | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥21-2        | ≥ 2          | ≥1',         | ≥1.⁴         | ≥1           | ≥ ,⁴         | ≥ %          | ≥ 5          | ≥ 5.16       | 24           | ≥0             |
| NO CEILING<br>≥ 20000 | 7.0                            | 70.7         | 68.1<br>70.7 |              | 58.1<br>70.7 | 70.7         | 70.7         | 68.1<br>70.7 | 68.1<br>70.7 | 68.1<br>70.7 |              | - 1          | 58.1<br>70.7 |              | 68.1<br>70.7 | 68.1<br>70.7   |
| ≥ 18000<br>≥ 16000    | :7.0                           | 70.8         |              | 70.9         | 70.8<br>70.9 | 70.8<br>76.9 | 70.8         | 70.4         | 70.8         | 70.8         | 70.8         |              | 70.8<br>70.9 | - 1          |              | 70.8           |
| ≥ 14000<br>≥ 12000    | 70.0                           | 71.8         | 71.8         | 71.8         |              | 71.8         | 74.8         | 71.4         | 71.8         | 74.4<br>74.4 | 71.8         | 71.8         | 71.8         |              | 71.6         | 71.6           |
| ≥ 10000<br>≥ 9000     | 72.7                           | 76.7<br>74.1 | 76.0         | 76.P         | 76.8         | 76.8         | 76.8<br>78.2 | 78.2         | 76.8         | 76.8         | 76.8<br>78.2 | 76.2         | 76.8         | 76.8<br>78.2 | 76.8<br>76.2 | 76.8<br>78.2   |
| ≥ 8000<br>≥ 7000      | 75.0<br>76.7                   | 80.6         | 80.7         | 80.8         |              | 80.8<br>81.5 | 80.8         | 80.8<br>81.5 | 80.8         | 80.8<br>81.5 | 41.5         | 80.4<br>81.5 | 80.8         |              |              |                |
| ≥ 6000<br>≥ 5000      | 77.1                           | 81.8<br>84.3 | 51.9<br>84.4 | 82.0<br>84.5 | 82.0         | 82.0<br>84.5 | 82.0<br>84.5 | 82.0<br>84.5 | 82.0<br>84.5 | 87.0<br>84.5 | 62.0<br>84.5 | 87.0<br>84.5 | P2.0         | -            | 82.0<br>84.5 |                |
| ≥ 4500<br>≥ 4000      | ∶() <b>,</b> 8<br>2 <b>,</b> 4 | 85.5         | 85.0<br>87.3 | 85.7         | 85.7<br>87.3 | 85.7<br>87.3 | 85.7         | 85.7         | 85.7<br>87.3 | 85.7         |              | 85.7         | 85.7         | 85.7<br>87.3 | 85.7         | 85.7<br>87.3   |
| ≥ 3500<br>≥ 3000      | 14.9                           | 88.1<br>89.8 | 49.2         | 88.3<br>90.0 | 90.0         |              | 88.3<br>90.0 |              | 88.3<br>90.0 |              | 90.0         |              | 88.3         |              |              |                |
| ≥ 2500<br>≥ 2000      | 7.5                            | 92.4         | 92.5<br>97.7 | 92.6<br>97.8 | 97.9         |              | 92.6<br>97.9 | 92.6         | 92.6<br>97.9 | 98.1         | 98.1         | 98.1         | 92.6<br>98.1 | 98.1         | 98.1         | 98.2           |
| ≥ 1800<br>≥ 1500      | 52.0<br>93.2                   | 96.3         | 98.5         | 99.2         | 99.3         | 98.7         | 98.8         | 99,4         | 99.4         | 99.0<br>99.5 | 99.5         | 99.5         | 99.5         | 99.5         | 95.4         | 99.4           |
| ≥ 1200<br>≥ 1000      | 13.2                           | 99.0         | 99.1         |              | 99.0         | 99.0         | 99.4         | 99.7         | 99.4         | 99.5         | 99.8         | 99.8         | 99.8         | 99.A         | 99.8         |                |
| ≥ 900<br>≥ 800        | 43.2                           | 99,0         |              | 99.4         | 99.7         | 99.6         | 99.7         | 99.7         | 99.7         | 99.8         | 99.9         | 99.9         | 99.8         | 99.9         | 99.9         | 100.0          |
| ≥ 700<br>≥ 600        | 3.2                            | 99.0         | 50.1         |              | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 79.9         | 100.0          |
| ≥ 500<br>≥ 400        | 13.2                           | 99.0         | 99.1         | 99,4         | 39.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.9         |              | 99.9         |              | 99.9         | 99.9         | 100.0          |
| ≥ 300<br>≥ 200        | 3.2                            | 99.0         |              | 99.4         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8<br>99.8 | 99.9         | 99.9         |              | 99.9         | 99.9         | 99.9         | 100.0          |
| ≥ 100<br>≥ 0          | 73.2                           | 99.0         |              | 99.4         |              | 99.7         | 99.8         |              | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         |              |              | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS\_\_\_

1264

USAF ETAC IIII 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBS

MATA PRICESSING HANGE USAF ETAC HIR HEAT ET SERVICE/ HG

#### CEILING VERSUS VISIBILITY

21000

UL DESTON ISLANDINGAGIFIC IS

49-72

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000

| CEILING                    |                |                      |      |              |              |                      | VIS                  | BILITY ISTA          | ATUTE MILI           | ES)                  |                      |                      |                |                      |              |              |
|----------------------------|----------------|----------------------|------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------|----------------------|--------------|--------------|
| FEET                       | ≥10            | ≥6                   | ≥ 5  | ≥ 4          | ≥ 3          | ≥2⅓                  | ≥ 2                  | ≥1½                  | ≥114                 | ≥1                   | ≥ ¾                  | ≥ 3/g                | ≥ ⁄2           | ≥ 5.16               | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | /5.ď           | 69.4<br>72.5         | 69.5 | 63.5         |              | 69.5                 | 74.5                 | 69.5<br>72.5         | 69.5<br>72.5         | 69.5                 | 69.5<br>72.5         | 69.5                 | 72.5           | 69.5                 | 69.5<br>72.5 | 67.3         |
| ≥ 18000<br>≥ 16000         | 68.6<br>€8.8   | 72.6                 |      | 72.8         |              | 72.8                 | 72.7                 | 72.7                 | 72.7                 | 72.7                 | 72.7<br>72.8         | 72.7<br>72.8         | 72.7           | 72.7<br>72.8         | 72.7         | 72.7<br>72.8 |
| ≥ 14000<br>≥ 12000         | 71.2           | 72.9                 |      | 75.5         | 75.6         | 72.9                 | 72.9                 | 72.9                 | 72.9                 | 75.6                 | 72.9<br>75.6         | 72.9                 | 72.9           | 72.9<br>75.6         | 72.9         | 72.9         |
| ≥ 10000<br>≥ 9000          | 72.5           | 77.0                 |      |              | 77.0<br>78.8 | 77.0                 | 77.C                 | 77.0                 | 77.0<br>78.8         | 77.0                 | 77.0                 | 77.0                 | 77.0           | 77.0<br>78.8         | 77.0<br>78.8 | 77.0<br>78.8 |
| ≥ 8000<br>≥ 7000           | 75.9           | 81.3                 | 80.5 | 81.3         | 81.3         | 80.5<br>81.3         | 80.5                 | 80.5                 | 80.5                 | 81.4                 | 61.4                 | 80.5                 | 80.5           | 80.5<br>81.4         | P1.4         | 80.5         |
| ≥ 6000<br>≥ 5000           | 76.0           | 83.1                 | 81.7 | 81.7         | 81.7         | 81.7                 | 83.2                 | 81.8                 | 83.2                 | 81.8                 | 81.8                 | 81.8                 | 91.6<br>53.2   | 63.2                 | 73.2         | 81.8         |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 79.1<br>70.5   | 34.0<br>85.4<br>86.2 | 85.5 | 84.0<br>85.5 |              | 84.C<br>05.5<br>86.2 | 84.1<br>85.6<br>86.3 | 34.1<br>85.6<br>86.3 | 84.1<br>85.6<br>86.3 | 84.1<br>85.6<br>86.3 | 84.1<br>85.6<br>96.3 | 84.1<br>85.0<br>86.3 | 85.6<br>86.3   | 85.6                 | 84.1<br>85.6 | 84.1<br>85.6 |
| ≥ 3000                     | : 4.7          | 90.0                 | 77.5 | 87.5<br>90.0 | 87.5         | 87.5<br>90.0         | 87.6<br>50.1         | 87.5<br>90.1         | 87.6<br>90.1         | 87.6<br>90.1         |                      | 87.6<br>90.1         | 87.6           | 86.3<br>87.6<br>90.2 | 90.2         | 90.2         |
| ≥ 2000                     | 1.1            | 95.4                 | 95.7 | 95.8         | 95.9         | 98.0                 | 96.0                 | 96.0                 | 90.0                 | 96.0<br>98.1         | 96.0<br>98.1         |                      | 96.0           | 96.0<br>98.2         |              | 96.0         |
| ≥ 1500                     | 91.9           | 98.8                 | 94.9 | 99.1<br>99.4 | 99.1         | 99.1                 | 99.2                 | 99.2                 | 99.2                 | 99.2                 | 99.2                 | 99.2                 | 99.3           | 99.3                 | 99.3         | 99.3         |
| ≥ 1000                     | 92.0           | 98.9                 |      | 99.4         | 99.8         | 99.8                 | 99.9                 | 99.9                 | 99.9                 | 99.9                 | 99.9                 | 99,7                 | 100.0          |                      | 100.0        | 100 · C      |
| ≥ 800                      | ~2.U           | 93.9                 |      | 99.4         |              | 99.8                 | 99.9                 | 99.9                 | 99.9                 | 99.9                 | 99.9                 |                      | 100.0          |                      | 100.0        |              |
| ≥ 600<br>≥ 500             | 72.0           | 90.9                 |      | 99.4         |              | 99.5                 | 99.9                 | 99,9                 | 99.9                 | 99,9                 | 99.9                 |                      | 100.0          |                      | 100.0        |              |
| 400<br>10x                 | "Z.U           | 92.9                 | 39.3 | 99.4         | 99.6         | 99. g                | 99.9                 | 99,9                 | 99.9                 | 99,9                 | 99.9                 | 99.9                 | 100.0          | 100.0<br>100.0       | 100.0        | 100.0        |
| 244                        | 32.0           | 96.9                 | 99.3 | 99.4         | 99.8         | 99.8                 | 99,9                 | 99,9                 | 99.9                 | 99.9                 | 99.9                 | 99.9                 | 100.0<br>100.0 | 100.0<br>100.0       | 100.0        | 100.0        |
|                            | . <u>' ८.५</u> | 9: 9                 | 99.5 | 99,4         | 99,8         | 99,0                 | 99,9                 | 99,9                 | 99.9                 | 99,9                 | 99.9                 | 99,3                 | 100.0          | 100.0                | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS 1254

2

PATA PROFESSION PRANCH

3161.3

SAF FTA: CIP EAT FO PRIVICEN TO

CEILING VERSUS VISIBILITY

JU ASTER INLESTON NAME IN IS

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

MONTH ...

| CEILING                    |              |                      |                      |              |      |              | VIS                  | IBILITY IST  | ATUTE MIL    | ES:          |              |                      |              |              |              |              |
|----------------------------|--------------|----------------------|----------------------|--------------|------|--------------|----------------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|
| FEET                       | ≥10          | ≥6                   | ≥ 5                  | ≥ 4          | ≥3   | ≥ 2 '7       | ≥ 2                  | ≥1 1/2       | ≥114         | ≥1           | ≥ 3/4        | ≥ ⅓8                 | ≥ ½          | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 10.6         | 74.0                 |                      |              | 74.0 | 74.0<br>75.6 | 74.0                 | 74.0         | 74.0         |              |              |                      |              |              |              | _ `          |
| ≥ 18000<br>≥ 16000         | 72.4         | 75.6                 | 75.6                 |              |      | 75.6         | 75.6                 | 75.6         | 75.6<br>75.6 |              |              |                      |              |              |              | _ ` • 1      |
| ≥ 14000<br>≥ 12000         | 72.3         | 75.7                 | 75.7<br>79.0         | 75.7         | 75.7 | 75.7         | 75.7<br>79.0         | 75.7<br>79.0 | 75.7         | 75.7<br>79.0 |              | 75.7<br>79.0         | 75.7<br>79.0 | •            |              | 75.7<br>79.0 |
| ≥ 10000<br>≥ 9000          | 76.3<br>77.5 | 50.5<br>81.7         | 80.5                 | 80.3<br>81.7 | 80.5 | 80.5<br>81.7 | 80.5                 | 80.5<br>81.7 | 80.5         | 80.5<br>81.7 | 80.5<br>81.7 | 80.5<br>81.7         | 80.5         | 80.5<br>81.7 | 80.5<br>51.7 | 80.5<br>81.7 |
| ≥ 8000<br>≥ 7000           | 79.0<br>79.9 | 84.4                 |                      |              |      |              | 84.7                 | 83.2         | 83.2         | 84.7         | 84.7         |                      |              | 84.7         | 84.7         | 83.7         |
| ≥ 6000<br>≥ 5000           | 40.2         | 84.7<br>36.0         | 54.9                 | 84.9<br>86.2 | 84.9 | 86.2         | 85.0                 | 85.0<br>86.2 | 85.0         | 86.2         | 86.2         | 86.2                 | 56.2         | 86.2         | 86.2         | 86.2         |
| ≥ 4500<br>≥ 4000           | 32.0<br>34.0 | 86.8<br>88.8         | 89.2                 | 89.2         | 89.2 | 86.9         | 89.3                 | 87.1         | 87.1         | 87.1<br>89.3 | 27.1<br>49.3 |                      | 87.1<br>89.3 | 89.3         | 84.3         | 87.1         |
| ≥ 3500<br>≥ 3000           | 5.1          | 91.1                 | 90.0                 | 90.1         | 90.1 | 90.1         | 90.3                 | 90.3         | 90.3         | 91.7         | 91.7         | 90.3                 | 90.3         | 91.7         | 91.7         | 91.7         |
| ≥ 2500<br>≥ 2000           | 7.6<br>91.0  | 92.9<br>95.7<br>98.0 | 93.3<br>97.2<br>98.5 | 93.4         | 97.3 | 93.4         | 93.5<br>97.5<br>98.9 | 93.5<br>97.5 | 93.5         | 97.5         | 97.6         | 97.6                 | 97.6         | 97.6         | 97.0         | 93.5<br>97.6 |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 92.0<br>52.1 | 90.4                 | 99.0                 | 94.6<br>99.1 | 99.1 | 99.2         | 99.4                 | 99.4         | 99.4         | 99.4         | 99.4         | 99.0<br>99.4<br>99.7 | 99.4<br>99.4 | 99.4         | 99.4         | • • •        |
| ≥ 1000                     | 92.1         | 92.7                 | 99.3                 | 99.4         | 99.4 | 99.5         | 99.7                 | 99.8         | 99.8         | 99.8         | 99.8         | 99.8                 | 99.8         | 99.8         | 99.8         | 99,8         |
| ≥ 800<br>≥ 700             | 92.1         | 98.8                 | 99.4                 | 99.4         | 99.0 | 99.7         | 99.8                 | 99.9         | 99.9         | 99,9         | 100.0        | 100.0                | 100.0        | 100.0        | l            | 100.0        |
| ≥ 600                      | 92.1         | 98.8                 | 99.4                 | 99.4         | 99.5 | 99.7         | 99.8                 | 99.9         | 99.9         | 99,9         | 100.0        | 100.0                | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 400                      | 92.1         | 98.8                 | 99.4                 | 99.4         | 99.6 | 99.7         | 99.8                 | 99.9         | 99,9         | 94,9         | 100.0        | 100.0                | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 200                      | 62.1         | 98 . A               |                      | 99,4         | 99.6 | 99.7         | 99.8                 | 99,9         | 99.9         | 99,9         | 100.0        | 100.0                | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 0                        | 47.1         | 94.4                 | 99.4                 | 99.4         | 99.6 | 99.7         | 99.8                 | 99,9         | 99.9         | 99.9         | 100.0        | 100.0                | 100.0        | 100.0        | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

MATA PROTESSING RANGO DSAF ETAG AIR EATHER ENVICEZING

CEILING VERSUS VISIBILITY

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#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-020C

| CEILING                    |                     |              |              |                      |      |                      | VIS                  | BILITY (STA  | ATUTE MIL    | ES)          |              |              |              |              |              |              |
|----------------------------|---------------------|--------------|--------------|----------------------|------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                       | ≥10                 | ≥6           | ≥5           | ≥ 4                  | ≥ 3  | ≥2¹7                 | ≥ 2                  | ≥1½          | ≥11/4        | ≥1           | ≥ 3,4        | ≥ ⅓          | ≥ ⅓          | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 6 . ز<br><b>د</b> ر | 65.4         |              | 65.6                 |      |                      | 65.6                 | 65.6         | 67.6         |              | 67.6         | 65.6         | 65.6<br>67.6 | 65.6         |              |              |
| ≥ 18000<br>≥ 16000         | 43.5<br>04.2        | 67.4         | 57.4<br>68.1 | 67.6                 | 67.6 | 67.6                 | 67.6                 | 67.6<br>68.3 | 67.6         | 67.6         | 67.6         | 67.6         | 67.6         | 67.6         | 67.6         |              |
| ≥ 14000<br>≥ 12000         | 54.3                | 69.7         | 68.3<br>59.7 | 68.4<br>69.9         |      | 69.9                 | 68.4                 | 68.4         | 68.4         | 68.4         | 68.4         | 68.4         | 68.4         | 69.4         | 68.4         | 69.9         |
| ≥ 10000<br>≥ 9000          | 68.5<br>70.5        | 72,8<br>74,8 |              | 73.7                 | 73.0 |                      | 73.0                 | 73.0<br>74.9 | 73.0<br>74.9 | 73.0<br>74.9 | 73.0<br>74.9 | 73.0         | 73.0<br>74.9 | 73.C         | 73.0<br>74.9 | 73.0<br>74.9 |
| ≥ 8000<br>≥ 7000           | 71.9                | 75,7         | 77.1         |                      | 77.3 | 77.3<br>78.5         | 77.3                 | 77.3<br>78.6 | 77.3<br>78.6 | 77.3         | 77.3         | 77.3         | 77.3         |              | 78.6         | 78.6         |
| ≥ 6000<br>≥ 5000           | 73.1                | 78.8<br>80.7 | 81.2         | 81.4                 | 79.5 | 79.5                 | 79.5<br>81.4         | 81,4         | 79.5         | 79.5         | 79.5         | 79.5         | 79.5         | 81.4         | 81.4         | 79.5         |
| ≥ 4500<br>≥ 4000           | 77.5                | 82.5         | 35.2         | 85.3                 | 85.3 | 85.3                 | 83.3                 | 83.3         | 85.4         | 85.4         | 83.3         | 83.3         | 85.4         | 85.4         | 85.4         | 85.4         |
| ≥ 3500<br>≥ 3000           | % <u>↓</u>          | 57.6         |              | 89.2                 | 87.1 | 88.2                 | 87.1                 | 87.1         | 87.1         | 87.1         | 87.1<br>88.3 | 87.1<br>88.3 | 87.1<br>88.3 | 87.1<br>88.3 |              | 88,3         |
| ≥ 2500<br>≥ 2000           | 3.7                 | 95.3         | 90.1         | 90.3<br>96.2<br>98.5 |      | 90.3<br>96.2<br>98.5 | 90.4<br>95.4<br>98.7 | 90,4<br>96,4 | 90.4         | 90.4         | 90.4         | 90.4         | 90.4         |              |              | 96,4         |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 90.6<br>90.8        | 97 a         | 98.7         | 99.0<br>99.2         | 99.1 | 99.1                 | 99.3                 | 99.3         | 98.7         | 98.7<br>99.3 | 99.3         | 98.7         | 98.7<br>99.3 | 98.7         |              |              |
| ≥ 1000                     | 20.9                | 98.1         | 99.0         | 99.3                 | 99.6 | 99.6                 | 99.8                 | 99.8         | 99.8         | 99.8         | 99.8         | 99.6<br>99.8 | 99.8         | 99.6         |              | 99.8         |
| ≥ 800                      | 90.9                | 97.2         | 99.1         | 99.4                 | 99.6 | 99.6                 | 99.9                 | 99.9         | 99.9         | 99,9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 600<br>≥ 500             | 90.9                | 98.2         | 99.1         | 99.4                 | 99.0 | 99.6                 | 99.9                 | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 400                      | 90.9                | 98.2         | 79.1         | 99.4                 | 99.0 | 99.6                 | 99.9                 | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        |              | 100.C        |
| ≥ 200                      | 90.9                | 96.2         |              | 99.4                 | 99.6 | 99.5                 | 99.9                 | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 0                        | 90.9                | 96.2         |              | 99,4                 |      |                      | 99.9                 |              | 99.9         |              | 100.0        |              |              |              |              |              |

TOTAL NUMBER OF OBSERVATIONS...

PATA PROCESSING PRANCH USAF ETAC AIR PEATHER RETVICE ! "AC

# CEILING VERSUS VISIBILITY

JUMNSTON ISLANDAPACIFIC IS

49-72

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING                 |              |              |              |              |              |              | VIS          | BILITY (ST     | ATUTE MIL     | ES)          |               |               |              |               |               |              |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|---------------|--------------|---------------|---------------|--------------|---------------|---------------|--------------|
| FEET                    | ≥10          | ≥6           | ≥ 5          | ≥4           | ≥ 3          | ≥2½          | ≥ 2          | ≥11/2          | ≥1¼           | ≥1           | ≥ 3⁄4         | ≥ 3/8         | ≥ ⅓          | ≥ 5/16        | ≥ 1/4         | ≥0           |
| NO CEILING<br>≥ 20000   | 2.5          | 67.5         | 67.5         |              | 67.7         | 67.7         |              | 65.8<br>67.7   |               | 65.8         | 65.8          | 65.5          | 65.8         | 65.8<br>67.7  | 65.8          | 65.9         |
| ≥ 18000<br>≥ 16000      | 04.5         | 67.6         | 67.6         | 69.2         | 67.8         | 67.8<br>68.2 | 67.8         | 67.6           | 67.8          | 67.8<br>68.2 | 57.8<br>68.2  | 67.8          | 67.8         | 67.8<br>68.2  | 67.8<br>68.2  | 67.6         |
| ≥ 14000<br>≥ 12000      | 65.1         | 69.9         | 58.4         | 70.1         | 68.6         | 68.6<br>70.1 | 70.1         | 70.1           | 68.6          | 68.6<br>70.1 | 68.6<br>70.1  | 68.6<br>70.1  | 68.6         | 68.6          | 68.6<br>70.1  | 68.6<br>70.1 |
| ≥ 10000<br>≥ 9000       | 69.1<br>70.9 | 73.0         | 73.1<br>75.0 | 73.3<br>75.2 | 73.3         | 73.3         | 73.3<br>75.2 | 73,3<br>75,2   | 73.3          | 73.3<br>75.2 | 73.3<br>75.2  | 73.3<br>75.2  | 73.3<br>75.2 | 73.3          | 73.3<br>75.2  | 73.3<br>75.2 |
| ≥ 8000<br>≥ 7000        | 72.2         | 77.7         | 70.6         | 76.3<br>78.3 | 76.6         | 76.9         | 76.8<br>78.3 | 76,8<br>78,4   | 76.8          | 76.8<br>78.4 | 76.8          | 76.8          | 76.8<br>78.4 | 75.8<br>78.4  |               | 76.8<br>78.4 |
| ≥ 6000<br>≥ 5000        | 73.8         | 78.5<br>60.3 | 78.9         | 81.1         | 79.1<br>81.1 | 79.1<br>81.1 | 79.1<br>81.1 | 79.2           | 79.2          | 79.2<br>81.2 | 79.2<br>81.2  | 79.2<br>81.2  | 79.2<br>81.2 | 79.2<br>81.2  | 79.2<br>81.2  | 79.2<br>81.2 |
| ≥ 4500<br>≥ 4000        | 76.7<br>78.8 | 81.6         | 84.8         |              | 82.6         | 85.0         | 85.0         | 82.6<br>85.1   | 82.6<br>85.1  | 82.6<br>85.1 | 85.1          | 85.1          | 85.1         | 82.6          | 85.1          | 82.6<br>85.1 |
| ≥ 3500<br>≥ 3000        | 79.8         | 85.4         | 80.3         | 87.8         | 86.5<br>87.8 | 86.5         | 86.5         | 86.6<br>87.8   | 87.8          | 86.6<br>87.8 | 86.6<br>87.8  | 86.6          | 86.6         | 86.6<br>87.8  | 37.8          | 87.8         |
| ≥ 2500<br>≥ 2000        | 7.8          | 94,4         | 95.8         | 96.7         | 90.1         | 90.1         | 90.1         | 96.3           | 90.2          | 90.2         | 90.2          | 90.2          | 90.2         | 90.2          | 96.2          | 90.2         |
| ≥ 1800<br>≥ 1500        | 9.4          | 96.9         | 98.5         | 96.7         | 97.7         | 98.9         | 97.8         | 97.9           | 97.9          | 97.9         | 97.9          | 97.9          | 97.9         | 97.9          | 97.9          | 99.1         |
| ≥ 1200 ≥ 1000           | 19.9<br>19.9 | 97.3         | 98.8         | 99.0<br>99.2 | 99.2         | 99.3         | 99.8         | 99.4           | 99.4          | 99.4         | 99.4          | 99.4          | 99.4         | 99.4          |               | 99.9         |
| ≥ 900<br>≥ 800          | 59.9         | 97.3         | 98.9<br>98.9 | 99.2         | 99.6         | 99.6         | 99.8         | 99.9           | 99.9          | 99,9         | 99.9          | 99.9          | 99.9         | 99.9          | 99.9          | 99.9         |
| ≥ 700<br>≥ 600          | 9.9          | 97.3         | 99.0         | 99.3         | 99.7         | 99.8         |              | 100.0          | 99.9<br>100.0 | 100.0        | 99.9<br>100.0 | 99.9<br>100.0 | 99.9         | 99.9<br>100.0 | 99.9<br>100.0 | 100.0        |
| ≥ 500<br>≥ 400<br>≥ 300 | 9.9          | 97.3         | 99.0         | 99.3<br>99.3 | 99.7         | 99.8<br>99.8 |              | 100.0          | 100.0         | 100.0        | 100.0         | 100 • C       | 100.0        | 100.0         | 100.0         | 100.0        |
| ≥ 200                   | 9.9          | 97.3<br>97.3 | 99.0         | 99.3         | 99.7         | 99.8         | 99.9         | 100.0<br>100.0 | 100.0         | 100.0        | 100.0         | 100.0         | 100.0        | 100.0         | 100.0         | 100.0        |
| ≥ 100<br>≥ 0            | 9,9          | 97.3         | 99.0         | 99.3         | 99.7         | 99.8         | 99.9         | 100.0          | 100.0         | 100.0        | 100.0         | 100.0         | 100.0        | 100.0         | 100.0         | 100.0        |

DATA PROCESSING FRANCO SAP ETA-

### CEILING VERSUS VISIBILITY

FIE 13

JUNNSTON ISLAND VEACLETIC 15

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0c00-0300

| CEILING                    |                        |              |              |              |              |                      | VIS          | BILITY (ST   | ATUTE MIL    | ES)          |              |              |              |                      |              |                      |
|----------------------------|------------------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|----------------------|
| FEET                       | ≥10                    | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥ 21.7               | ≥ 2          | ≥11⁄2        | ≥14          | ≥1           | ≥ 3/4        | ≥ 5/8        | ≥%           | ≥ 5/16               | ≥%           | ≥0                   |
| NO CEILING<br>≥ 20000      | 11.0                   | 54.3<br>59.2 | 54.3<br>59.2 | 54.4<br>59.5 | 54.4<br>59.5 | 54.4<br>59.5         | 59.5         | 54.4<br>59.5 | 54.4<br>59.5 | 54.4<br>59.5 | 54.4<br>59.5 | 54.4         | 59.5         | 54.4<br>59.5         | 54.4         | 54.4<br>59.5         |
| ≥ 18000<br>≥ 16000         | 56.6<br>56.7           | 59,5         | 59.5         |              | 59.7<br>59.8 | 59.7<br>59.8         | 59.7<br>59.8 | 59.7<br>59.8 | 59.7<br>59.8 | 59.7<br>59.8 | 59.7<br>59.8 | 59.7<br>59.8 | 59.7<br>59.8 | 59.7<br>59.8         | 59.7<br>59.8 | 59.7<br>59.8         |
| ≥ 14000<br>≥ 12000         | 57.4<br>59.7           | 60.3         | 60.3         | 63.2         | 60.5         | 63.2                 | 63.2         | 60,5         | 60.5         | 60.5<br>63.2 | 63.2         | 60.5         | 60.5<br>63.2 | 60.5<br>63.2         | 60.5         | 60.5<br>63.2         |
| ≥ 10000<br>≥ 9000          | 63.0                   | 66.5         | 69.3         | 69.5         | 69.5         | 69.5                 | 69.5         | 69.5         | 69.5         | 69.5         | 69.5         | 66.8         | 69.5         | 69.5                 | 69.5         | 69,5                 |
| ≥ 8000<br>≥ 7000           | 66.0                   | 71.6         | 73,6         | 7.7.9.7      | 72.1         | 74.0                 | 72.1         | 72.1         | 72.1         | 72.1         | 72.1         | 74.0         | 72.1         | 72.1                 | 72.1         | 72.1                 |
| ≥ 6000<br>≥ 5000           | 70.4                   | 74.2         | 74.6         | 74.8         | 74.8         | 74.8                 | 77.7         | 74.8         | 74.8         | 74.8         | 74.8         | 74,8         | 74.8         | 74.8                 | 77.7         | 77.7                 |
| ≥ 4500<br>≥ 4000           | 77.9                   | 79.1<br>62.2 | 79.4<br>82.8 | 83.0         | 79.6<br>83.0 | 79.6<br>83.0         | 83.0         | 79.6<br>83.0 | 79.6<br>83.0 | 79.6<br>83.0 | 79.6         | 79.6<br>83.0 | 79.6         | 79.6<br>83.0         | 83.0         | 79.6<br>83.0         |
| ≥ 3500<br>≥ 3000           | 1.0                    | 84.6         | 85.2<br>87.1 | 87.4         | 87.4         | 87.4                 | 85.4         | 87.4         | 87.4         | 85.4<br>87.4 | 85.4         | 87.4         | 85.4         | 87.4                 | 87.4         | 85.4                 |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | "4.U<br>- 8.U<br>- 8.7 | 93.2         | 93.8         |              | 99.9<br>94.1 | 99.9<br>94.1<br>96.3 | 94.4         | 94.4         | 94.4         | 94.4         | 94.4         | 94.4         | 89.9<br>94.4 | 89.9<br>94.4         | 94.4         | 94.4                 |
| ≥ 1500<br>≥ 1500<br>≥ 1200 | 70.9                   | 96.7         |              | 98.2         | 98.2         | 98.2                 | 98.5         | 98.3         | 98.5         | 98.5         | 98.5         | 96.6<br>98.5 | 96.6<br>98.5 | 96.6<br>98.5<br>99.2 | 98.5         | 96.6<br>98.5<br>99.2 |
| ≥ 1000                     | 71.1                   | 97.1         | 98.4         |              | 99.2         | 99.2                 | 99.6         | 99.6         | 99.6         | 99.6         | 99.6         | 99.6         | 99.6         | 99.6                 | 99.6         | 99.6                 |
| ≥ 800<br>≥ 700             | 71.2                   | 97.3         | 98.5         | 99.3         | 99.4         | 99.4                 | 99.8         | 99.8         | 99.8         | 99,9         | 99.9         | 99.9         | 99.9         | 99.9                 | 99.9         | 99.9                 |
| ≥ 600                      | 91.2                   | 97.3         | 98.5         | 99.3         | 99.4         | 99.4                 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9                 | 99.9         | 99.9                 |
| ≥ 400<br>≥ 300             | 71.2                   | 97.3         | 98.5         | 99.3         | 99.4         | 99.4                 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0                | 100.0        | 100.0                |
| ≥ 200                      | 71.2                   | 97.3         | 98.5         | 99.3         | 99.4         | 99.4                 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0                | 100 • 0      | 100.0                |
| ≥ 0                        | ۰1.2                   | 97.3         | 98.5         | 99.3         | 99.4         | 99.4                 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 100.0        |              | 100.0                |              | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

SSAF ETAC AIR PEATHER SERVICE/ AC

# CEILING VERSUS VISIBILITY

WILL ISTUM ISLANDIN PACIFIC IS

49=72 YEARS

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |              |              |              |              |              |              | VIS          | BILITY (STA  | ATUTE MILI   | ES)          |              |              |              |              |                |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
| FEE1:                 | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥21⁄2        | ≥2           | ≥1%          | ≥11⁄4        | ≥1           | ≥ ¾          | ≥ 3/8        | ≥ 1/2        | ≥ 5/16       | ≥%             | ≥0           |
| NO CEILING<br>≥ 20000 | 20.6<br>○1.8 | 59.5         | 59.6<br>64.9 | 59,6         | 59.6<br>65.1 | 59.6<br>65.1 | 59.6         | 59.5         | 59.6<br>65.1 | 59.6<br>65.1 | 59.6         | 59.6         | 59.6<br>65.1 | 59.6<br>65.1 | 59.6           | 59.6<br>65.1 |
| ≥ 18000<br>≥ 16000    | 62.0         | 65.0         | 65.1         | 65.3         | 65.3         | 65.7         | 65.3         | 65.7         | 65.7         | 65.7         | 65.7         | 65.7         | 65.7         | 65.7         | 65.3           | 65.3         |
| ≥ 14000<br>≥ 12000    | 53.6<br>55.3 | 68.7         | 66.8<br>68.7 | 67.0<br>68.9 | 67.0         | 67.0         | 67.0         | 67.0         | 67.0         | 67.0         | 67.0         | 67.0         | 67.0<br>68.9 | 67.0         | 47.0<br>68.9   | 67.0         |
| ≥ 10000<br>≥ 9000     | 69.0<br>72.2 | 77.6         | 72.7         | 72.9<br>76.2 | 72.9         | 72.9         | 72.9         | 72.9         | 72.9         | 72.9         | 72.9         | 72.9         | 72.9         | 72.9         | 72.9           | 72.9<br>76.2 |
| ≥ 8000<br>≥ 7000      | 74.6         | 79.5         | 79.7<br>80.0 | 78.9<br>80.2 | 78.9         | 78.9<br>80.2 | 78.9<br>50.2 | 78.9         | 78.9<br>80.2 | 78.9         | 78.9<br>80.2 | 76.9         | 78.9         | 78.9         | 78.9<br>80.2   | 78.9         |
| ≥ 6000<br>≥ 5000      | 76.6         | 83.7<br>83.3 | 81.0<br>83.0 | 81.2         | 81.2<br>83.8 | 81.2<br>83.8 | 81.2<br>83.8 | 81.2         | 81.2         | 31.2<br>83.8 | 81.2<br>83.8 | 81.2         | 81.2         | 81.2         | 81.2<br>83.8   | 81.7<br>83.8 |
| ≥ 4500<br>≥ 4000      | 79.8         | 84.2         | 84.5<br>87.1 | 84.8<br>87.4 | 84.8         | 84.8<br>87.4 | 84.8         | 84.8<br>87.4 | 84.8         | 84.8<br>87.4 | 84.8<br>87.4 | 84.8         | 84.8         | 84.8         | 84.8           | 84.3         |
| ≥ 3500<br>≥ 3000      | 2.5<br>4.4   | 88.3         | 88.8         | 89.0<br>90.0 | 89.1<br>90.1 | 89.1<br>90.1 | 89.1<br>90.1 | 89.1<br>90.1 | 89.1<br>90.1 | 89.1<br>90.1 | 89.1<br>90.1 | 89.1<br>90.1 | 89.1<br>90.1 | 89.1<br>90.1 | 89.1           | 89.1<br>90.1 |
| ≥ 2500<br>≥ 2000      | 90.1         | 91.4         | 91.5         | 92.1<br>96.5 | 92.1         | 92.1         | 96.6         | 92.1         | 92.1         | 92.1         |              | 92.1         | 92.1         | 96.6         | 72.1           | 92.1<br>96.6 |
| ≥ 1800<br>≥ 1500      | 90.9         | 91.4         | 97.3         | 97.5         |              | 97.7         | 97.9         | 97.9         | 97.9         | 95.0         | 98.0         | 98.0         | 98.0         | 98.0<br>99.2 | 98.0<br>99.3   | 98.0         |
| ≥ 1200 ≥ 1000         | 11.5         | 97.5         | 98.4         | 98.8<br>95.9 | 98.9         | 99.0         | 99.4         | 99.4         | 99.4         | 99.5         | 99.5         | 99.5         | 99.5         | 99.6         | 99.6<br>99.7   | 99.6         |
| ≥ 900<br>≥ 800        | 91.5         | 97.5         | 98.5         | 98.9         |              | 99.1         | 99.4         | 99.5         | 99.5         | 99.6         | 99.6         | 99.6         | 99.6         | 99.6         | 99.7           | 99.7         |
| ≥ 700<br>≥ 600        | %1.5<br>%1.5 | 97.5         | 98.5         | 98.9         | 99.0         | 99.1         | 99.4         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7         | 99.9           | 99.9         |
| ≥ 500<br>≥ 400        | 91.5         | 97.5         | 98.5         | 98.9         | 99.0         | 99.1         | 99.5         | 99.6         | 99.6         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.9           | 99,9         |
| ≥ 300<br>≥ 200        | 91.5         | 97.5         |              | 98.9         | 99.0         | 99.1         | 99.5         | 99.6         | 99.6         | 99.8         | 99.8         | 99.8         | 99.8         |              | 99.9<br>100.0  |              |
| ≥ 100                 | ())<br>())   | 97.5         | 98.5<br>98.5 | 98.9         | 99.0         | 99.1         | 99.5         | 99.6         | 99.6         | 99.8         | 99.8         | 99.8         | 99.8         |              | 100•0<br>100•0 |              |

TOTAL NUMBER OF OBSERVATIONS\_

DATA PRUCESSING PHANCH SAF ETAL AIR EATTER SERVICET AC

### CEILING VERSUS VISIBILITY

SU PISTON ISLA MONCIFIC IS

45-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING                    |              |              |              |                      |                      |              | VIS  | BILITY (ST   | ATUTE MIL    | ES)          |              |                      |              |                      |              |                      |
|----------------------------|--------------|--------------|--------------|----------------------|----------------------|--------------|------|--------------|--------------|--------------|--------------|----------------------|--------------|----------------------|--------------|----------------------|
| FEET                       | ≥10          | ≥6           | ≥5           | ≥ 4                  | ≥3                   | ≥2⅓          | ≥ 2  | ≥11/2        | ≥1¼          | ≥1           | ≥ 3/4        | ≥%                   | ≥ %          | ≥ 5/16               | ≥¼           | ≥0                   |
| NO CEILING<br>≥ 20000      | 57.5<br>63.8 |              | 50.7<br>57.4 | 67.4                 | 67.4                 | 67.4         | 67.4 | 67.4         | 67.4         | 67.4         | 67.4         | 60.7                 | 67.4         | 67.4                 | 60.7         | 60.7                 |
| ≥ 18000<br>≥ 16000         | 04.0         | 68.3         | 66.3         | 67.7                 | 68.3                 | 68.3         | 67.7 | 67.7         | 67.7         | 67.7         | 67.7<br>68.3 | 67.7                 | 63.3         | 67.7<br>68.3         | 67.7         | 67.7<br>68.3         |
| ≥ 14000<br>≥ 12000         | 68,0         | 69.A         | 69.8         | 72.3                 | 69.8<br>72.3         | 69.8<br>72.3 | 72.3 | 69.8<br>72.3 | 69.8<br>72.3 | 69.8         | 69.8<br>72.3 | 72.3                 | 69.8<br>72.3 | 69.8<br>72.3         | 69.8<br>72.3 | 69.8<br>72.3         |
| ≥ 10000<br>≥ 9000          | 71.3         | 75.7         | 75.8         | 78.7                 | 75.8                 | 75.8         | 75.8 | 75.8         | 75.8         | 75.8<br>78.7 | 75.8<br>78.7 | 75.8<br>78.7         | 75.8<br>78.7 | 75.8<br>78.7         | 78.7         | 75.5<br>78.7         |
| ≥ 8000<br>≥ 7000           | 75.9<br>76.7 | 81.5         | 81.9         | 81.9                 | 81.0                 | 81.0         | 81.9 | 81.0         | 81.9         | 81.0         | 81.0         | 81.0                 |              | 81.0                 | 81.0         | 81.0                 |
| ≥ 6000<br>≥ 5000           | 77.7         | 82.7         | 85.1         | 85.1                 | 83.1                 | 85.1         | 83.4 | 83.4<br>85.4 | 83.4         | 85.4         | 83.4         | 85,4                 | 85.4         | 83,4                 | 83.4         | 83.4                 |
| ≥ 4500<br>≥ 4000           | 79.9<br>60.5 | 85.3         | 86.6<br>87.6 |                      | 85.7                 | 85.7         |      | 86.9         | 86.9<br>86.9 | 86.9<br>86.9 | 86.0         | 86.9                 | 86.9         | 86.9                 | 86.9         | 86.0                 |
| ≥ 3500<br>≥ 3000           | 2.3          | 87.1<br>87.9 | 88.4         | 97.6<br>68.4<br>90.7 | 87.6<br>88.4<br>90.7 | 88.4         | 88.7 | 87.9<br>68.7 | 88.7         | 88.7         | 88.7         | 87.9                 | 88.7         | 87.9<br>88.7<br>90.9 | 87.9         | 87.9<br>88.7<br>90.9 |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 9.0          | 95.2         | 96.0         |                      | 96.1                 | 96.1         | 90.3 | 96.3         | 96.3         | 90.9<br>96.3 | 90.9<br>96.4 | 90.9<br>96.4<br>98.0 | 96.4         | 96.4                 | 96.4         | 98.0                 |
| ≥ 1500                     | 91.2         | 97.4         | 98.5         | 98.8                 | 99.0                 | 99.0         |      | 99.4         | 99.4         | 99.4         | 99.5         | 99.5                 | 99.5         | 99.5                 | 99.5         | 99.5                 |
| ≥ 1000                     | 91.3         | 97.7         | 98.7         | 99.1                 | 99.3                 | 99.3         | 99.6 | 99.7         | 99.7         | 99.7         | 99.9         | 99.9                 | 99.9         | 99.9                 | 99.9         |                      |
| ≥ 800<br>≥ 700             | 91.3         | 97.7         | 98.7         | 99.1                 | 99.3                 | 99.3         | 99.6 | 99.7         | 99.7         | 99.7         | 99.9         | 99.9                 | 99.9         | 99.9                 |              | 99.9                 |
| ≥ 600                      | 91.3         | 97.7         | 98.7         | 99.1                 | 99.3                 | 99.3         | 99.6 | 99.7         | 99.7         | 99.7         | 99.9         | 99.9                 | 99.9         | 99.9                 |              | 99.9                 |
| ≥ 400                      | 91.3         | 97.7         | 98.7         | 99.1                 | 99.3                 | 99.3         | 99.6 | 99.7         | 99.7         | 99.8         | 99.9         | 99.9                 | 99.9         | 99.9                 | 100.0        | 100.0                |
| ≥ 200                      | 91.3         | 97.7         | 98.7         | 99.1                 | 99.3                 | 99.3         | 99.6 | 99.7         | 99.7         | 99.8         | 99.9         | 99.9                 | 99.9         | 99.9                 | 100.0        | 100.0                |
| ≥ 0                        | 91.3         | 97.7         | 98.7         | 99.1                 | 99.3                 | 99.3         | 99.6 | 99.7         | 99.7         | 99.8         | 99.9         | 99.9                 | 99.9         |                      | 100.0        |                      |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

DATA PRICESSING BRANCH USAF ETAC AIR HEATHER RESVICE/MAC

# CEILING VERSUS VISIBILITY

£1603

JUMBST IN ISLANDIN NAME IFIC IS

49-72

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1700

1422

| CEILING                    |              | •            |              | _                    |                            |                      | VIS                  | IBILITY (STA         | ATUTE MIL    | ES)          |                      |                      |              |                      |              |              |
|----------------------------|--------------|--------------|--------------|----------------------|----------------------------|----------------------|----------------------|----------------------|--------------|--------------|----------------------|----------------------|--------------|----------------------|--------------|--------------|
| (FEET:                     | ≥10          | ≥6           | ≥5           | ≥4                   | ≥3                         | ≥21/2                | ≥ 2                  | ≥1'2                 | ≥114         | ≥1           | ≥ 1⁄4                | ≥ 3/8                | ≥%           | ≥ 5/16               | ≥%           | ≥0           |
| NO CEILING<br>≥ 20000      | 56.9<br>2.7  | 59.6         |              |                      | 59.6<br>65.9               | 59.6<br>65.9         | 59.6                 | 59.6<br>65.7         | 59.6         | 59.6<br>65.9 |                      | 59.6                 | 59.6<br>65.9 | 59.6<br>65.9         |              |              |
| ≥ 18000<br>≥ 16000         | 63.0<br>03.6 | 66,3         | 56.3<br>66.9 | 66.3                 | 66.3                       | 66.3<br>66.9         | 66.3                 | 66.3                 | 66.3         | 66.3<br>66.9 | 66.3                 | 66.3                 | 66.3         | 66.3                 | 66.3         | 66.3         |
| ≥ 14000<br>≥ 12000         | 54.3         | 70.0         | 67.7<br>70.0 | 67.7<br>70.0         | 67.7                       | 70.0                 | 67.7                 | 67.7<br>70.0         | 67.7         | 67.7<br>70.0 | 67.7<br>70.0         | 70.0                 | 67.7         | 67.7<br>70.0         | 67.7         | 67.7<br>70.9 |
| ≥ 10000<br>≥ 9000          | 68.8<br>71.6 | 72.9         | 72.9         | 72.9                 | 72.9                       | 72.9                 | 72.9                 | 72.9                 | 72.9         | 72.9<br>75.7 | 72.9<br>75.7         | 72.9                 | 72.9         | 72.9                 | 72.9<br>75.7 | 72.9<br>75.7 |
| ≥ 8000<br>≥ 7000           | 74.8         | 79.1<br>80.6 |              |                      | 79.1<br>80.6               | 79.1<br>80.6         | 79.1                 | 79.1<br>80.6         | 79.1<br>80.6 | 79.1<br>80.6 |                      | 79.1<br>80.6         | 79.1<br>80.6 | 79.1<br>80.6         |              |              |
| ≥ 6000<br>≥ 5000           | 76.7         | 81.4         | 81.4         | 81.4                 | 83.4                       | 81.4                 | 83.7                 | 81.6                 | 81.6         | 83.7         | 81.6<br>83.7         | 81.6<br>83.7         | 83.7         | 83.7                 | 83.7         | 83.7         |
| ≥ 4500<br>≥ 4000           | 78.9         | 85.9         |              | 84.4                 | 86.4                       | 84.5                 | 84.7                 | 86.5                 | 84.7         | 84.7         | 84.7                 | 84.7                 | 86.5         | 84.7                 |              | 86.5         |
| ≥ 3500<br>≥ 3000           | 2.0          | 88.0         |              | 87.1<br>88.3         | 87.1<br>88.3               | 87.2                 | 88.7                 | 87.6                 | 88.7         | 87.6<br>88.7 | 87.6                 | 87.6<br>88.7         | 87.6<br>88.7 | 88.7                 | 88.7         | 88.7         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 9.3          | 95.5<br>95.6 | 90.0         | 91.1<br>96.0<br>97.1 | 91 • 1<br>96 • 0<br>97 • 4 | 91.3<br>96.1<br>97.3 | 91.7<br>96.6<br>97.9 | 91.7<br>96.7<br>98.0 | 91.7         | 91.8<br>96.8 | 91.8<br>96.8<br>98.1 | 91.6                 | 91.8         | 91.8<br>96.8<br>98.1 | 91.8         | اند نمطا     |
| ≥ 1500<br>≥ 1500           | 70.5         | 97.4         | 98.2         | 98.1                 | 98.2                       | 98.3                 | 98.9                 | 98,9                 | 98.9         | 99.1         | 99.2                 | 98.1<br>99.2<br>99.6 | 98.1<br>99.2 | 99.2                 | 98.1<br>99.2 | 99.2         |
| ≥ 1000                     | 30.7         | 97.8         |              | 98.5                 |                            | 98.7                 | 99.4                 | 99.4                 | 99.4         | 99.6         | 99.8                 | 99.8                 | 99.9         | 99.9                 | 99,9         | 99.9         |
| ≥ 800                      | 90.7         | 97.8         | 98.4         | 98,6                 | 98.7                       | 98.9                 | 99.5                 | 99.6                 | 99.6         | 99.7         | 99.9                 | 99.9                 |              | 100.0                | 100.0        | 100.0        |
| ≥ 600                      | 90.7         | 97.8         | 98.4         | 98,6                 | 98.7                       | 98.9                 | 99.5                 | 99.6                 | 99.6         | 99.7         | 99,9                 | 99.9                 | 100.0        | 100.0                | 100.0        | 100.0        |
| ≥ 400                      | 90.7         | 97.8         | 98.4         | 98.6                 | 98.7                       | 98.9                 | 99.5                 | 99.6                 | 99.6         | 99.7         | 99.9                 | 99.9                 | 100.0        | 100.0                | 100.0        | 100.0        |
| ≥ 200                      | 90.7         | 97.8         | 98.4         | 98.6                 | 98.7                       | 98.9                 | 99.5                 | 99.6                 | 99.6         | 99.7         | 99.9                 |                      | 100.0        | 100.0                | 100.0        | 100.0        |
| ≥ 0                        | 90.7         | 97.8         |              |                      |                            | 99.9                 | • • •                |                      |              |              |                      |                      | 100.0        |                      |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS.

2 C

DATA PROCESSENC BRANCE SAF ETAL PIN FEAT FR RESVICENCE

# CEILING VERSUS VISIBILITY

216 CL

JU INSTANT ISLANT / PACIFIC IS

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 - 00 - 2000

| CEILING                 |                      |              |              |              |              |              | VIS          | IBILITY (STA | ATUTE MIL    | ES)          |              |                | _            |                |              |                |
|-------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|----------------|--------------|----------------|
| :FEET                   | ≥10                  | ≥6           | ≥5           | ≥4           | ≥ 3          | ≥21/2        | ≥ 2          | ≥11/2        | ≥1%          | ≥1           | ≥ ¾          | ≥ 3/8          | ≥ ½          | ≥ 5/16         | ≥ ¼          | ≥0             |
| NO CEILING<br>≥ 20000   | 59.3                 |              | 62.1<br>50.7 | 62.1         | 62.1         | 68.7         | 62.1         | 62.1         | 62.1         | 62.1<br>68.7 | 52.1<br>68.7 | 62.1           | 62.1         | 62.1           | 62.1         | 62.1<br>68.7   |
| ≥ 18000<br>≥ 16000      | 05.0                 | 69.0         | 69.0         | 69.0         | 69.0         | 69.0         | 59.0<br>59.5 | 69.0         | 69.0         | 69.0<br>69.5 | 69.5         | 69.0           | 69.0         | 69.0           | 69.5         | 69.0           |
| ≥ 14000<br>≥ 12000      | 66.6                 | 71.8         | 70.0<br>71.8 | 71.8         | 71.8         | 70.0<br>71.8 | 70.0<br>71.8 | 70.0         | 70.0         |              | 71.8         | 70.0           | 70.0         | 17.5           | 70.0         | 71.8           |
| ≥ 10000<br>≥ 9000       | 70.0                 | 75.4         | 73.9         | 73.9<br>75.5 | 73.9         | 73.9         | 73.9         | 73,9<br>75,6 | 73.9<br>75.6 | 73.9         |              | 73.9           | 73.9<br>75.6 | 73.9<br>75.6   | 73.9<br>75,6 | 73.9<br>75.6   |
| ≥ 8000<br>≥ 7000        | 73.3                 | 77.5         | 77.6         | 78.3         | 77.6         | 77.6         | 77.7         | 77.7<br>78.3 | 77.7         | 77.7         | 77.7         | 77.7<br>78.3   | 77.7<br>78.3 | 77.7           | 77.7<br>78.3 | 77.7<br>78.3   |
| ≥ 6000<br>≥ 5000        | 74.5                 | 80.5         | 78.9         |              | 79.0<br>80.7 | 79.0         | 79.2<br>80.9 | 79.2<br>80.9 | 79.2         | 79.2         | 80.9         | 79.2           | 80.9         | 80.9           | 79.2<br>80.9 | 79.2<br>80.9   |
| ≥ 4500<br>≥ 4000        | 76.6<br>78.3         | 83.5         | 83.7         | 83.8         | 83,8         | 81.8         | 82.1<br>84.0 | 82.1         | 82.1         | 82.1         |              | 82.1<br>84.0   | 82.1         | 84.0           | 82.1         | 82.1<br>84.0   |
| ≥ 3500<br>≥ 3000        | 50.1<br>51.0         | 85.3         | 85.5         | 86.8         |              | 85.7         | 85.9         | 87.1         | 87.1         | 87.1         | 85.9<br>87.1 | 85.9           | 85.9         | 85.9<br>87.1   | 87.1         | 85.9<br>87.1   |
| ≥ 2500<br>≥ 2000        | 18.2                 | 94.1         | 39.0<br>94.8 | 94.9         |              | 89.1<br>95.0 | 89.3<br>75.3 | 95.3         | 95.3         | 87.3<br>95.4 | 95.4         | 89.3<br>95.4   | 95.4         | 89.3<br>95.4   | 75.4         | 95,4           |
| ≥ 1800<br>≥ 1500        | 30.6                 | 97.1         | 96.6         | 78.2         | 96.8         | 96.8         | 98.6         | 97.1         | 97.1         | 97.3         | 97.3         | 97.3           | 97.3         | 90.7           | 97.3         | 97.3           |
| ≥ 1200<br>≥ 1000        | 91.0                 | 97.7         | 98.0         | 98.9         |              | 98.9<br>99.2 | 99.2         | 99,2         | 99.2         | 99.4         | 99.4         | 99.4           | 99.4         | 99.4           | 99.4         | 99.4<br>99.7   |
| ≥ 900<br>≥ 800          | 91.1<br>91.1<br>91.1 | 97.7<br>97.7 | 98.7         | 98.9<br>98.9 | 99.1         | 99.2         | 99.4         | 99.6         | 99.5         | 99.7<br>99.8 | 99.7         | 99.7           | 99.7         | 99.7           | 99.7         | 99.8           |
| ≥ 700<br>≥ 600          | 91.1                 | 97.7         | 98.8         | 98.9         | ~ ~ •        | 99.2         | 99.6         | 99.6         | 99.6         | 99.9         | 99.9         | 99.9           | 99.9         | 99,9           | 99.9         | 99.9           |
| ≥ 500<br>≥ 400<br>≥ 300 | 91.1                 | 97.8         | 98.8         | 98.9         | ) <u> </u>   | 99.2         | 99.6         | 99.7         | 99.7         | 100.0        | 100.0        | 100.0<br>100.0 | 100.0        | 100.0<br>100.0 | 100.0        | 100.0<br>100.0 |
| ≥ 200                   | 91.1                 | 97.8         | 98.8         | 96,9         | 99.2         | 99.2         | 99.6         | 99.7         | 99.7         | 100.0        | 100.0        | 100.0          | 100.0        | 100.0          | 100.0        | 100.0          |
| ≥ 100<br>≥ 0            | 91.1                 | 97.8         | 78.8         |              | ] [ • • • ]  | 99.2         | 99.6         | التعلما      | 99.7         |              | 100.0        |                |              |                |              | 100.0          |

TOTAL NUMBER OF OBSERVATIONS....

PATA PROCESSING BRANCH DISAF ETAC AIR MEATIES SERVICE/HAC

#### CEILING VERSUS VISIBILITY

21043

JUNNSTON ISLAND/PACIFIC IS

49-72

MONTH

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING                    |                     |              |              |      |              |                      | VISI         | BILITY (STA  | ATUTE MIL    | ES)          |              |                      |       |              |                      |                      |
|----------------------------|---------------------|--------------|--------------|------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|----------------------|-------|--------------|----------------------|----------------------|
| FEET                       | ≥10                 | ≥6           | ≥5           | ≥ 4  | ≥3           | ≥2⅓                  | ≥ 2          | ≥11/2        | ≥1¼          | ≥1           | ≥ ¾          | ≥ 3/8                | ≥ ⅓   | ≥ 5/16       | ≥¼                   | ≥0                   |
| NO CEILING<br>≥ 20000      | 66.0<br>68.9        | 72.3         | 69.2<br>72.3 | 69.2 | 69.2<br>72.3 | 72.3                 | 69.2<br>72.3 | 69.2<br>72.3 | 69.2         | 69.2         | 69.2<br>72.3 | 69.2                 | 72.3  | 69.2         | 72.3                 | 69.2<br>72.3         |
| ≥ 18000<br>≥ 16000         | ^7.1<br>69.6        | 72.5         | 72.5         | 72.5 | 72.5         | 72.5                 | 72.5         | 72.5         | 72.5         | 72.5         | 72.5         | 72.5                 | 72.5  | 72.5         | 72.5                 | 72.5                 |
| ≥ 14000<br>≥ 12000         | 69.9<br>71.3        | 73.2<br>74.9 | 73.2         | 73.2 | 73.2         | 73.2                 | 73.2         | 73.2         | 73.2         | 73.2<br>74.9 | 73.2         | 73.2                 | 73.2  | 73.2         | 73.2                 | 73.2                 |
| ≥ 10000<br>≥ 9000          | 73.3                | 77.5         | 77.5         | 77.5 | 77.6         | 77.6                 | 77.6         | 77.6         | 77.6         | 79.9         | 77.6         | 77.6                 | 79,9  | 77.6         | 77.6                 | 77.6                 |
| ≥ 8000<br>≥ 7000           | 76.5                | 90.8         | 81.3         | 81.3 | 82.6         | 81.3                 | 81.3         | 81.3         | 81.3         |              | 82.6         | 81.3                 |       | 81.3         | 81.3                 | 82.6                 |
| ≥ 6000<br>≥ 5000           | 78.3                | 82.8<br>84.0 | 83.3         | 83.5 | 84.6         | 83.6                 | 83.6         | 84.8         | 84.8         | 84.8         | 84.8         | 84.8                 | 84.8  | 84.8         | 84.8                 | 84.8                 |
| ≥ 4500<br>≥ 4000           | 50.1<br>2.3         | 65.0<br>86.7 | 85.5<br>87.2 | 85.7 | 85.8<br>87.6 | 85.8<br>87.6<br>89.4 | 85.8<br>87.6 | 85.8<br>87.6 | 85.8<br>87.6 | 87.6         | 85.8<br>87.6 | 85.8<br>87.6<br>89.4 |       | 85.8<br>87.6 | 85.8<br>87.6<br>89.4 | 85.8<br>87.6<br>89.4 |
| ≥ 3500<br>≥ 3000<br>≥ 2500 | 5.0<br>8.65<br>8.60 | 88.5<br>59.4 | 98.9<br>99.9 |      | 90.3         | 90.3                 | 90.3         | 90.3         | 90.3         | 90.3         | 90.3         | 90.3                 | 90.3  | 90.3         | 90.3                 | 90.3                 |
| ≥ 2000<br>≥ 1800           | 9.2                 | 95.5         | 96.2         |      | 96.8         | 96.8                 | 96.8         | 96.5         | 96.8<br>98.5 | 96.8         | 96.8         | 96.8                 | 96.9  | 96.9         | 96.9                 | 96.9                 |
| ≥ 1500<br>≥ 1200           | 50.0                | 97.9         | 98.7         | 99.0 | 99.4         | 99.4                 | 99.4         | 99.4         | 99.4         | 99.5         | 99.5         | 99.5                 | 99.6  |              | 99.0                 | ا. حما               |
| ≥ 1000                     | 90.7                | 96.0         | 98.9         |      | 99.0         | 99.6                 | 99.7         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8                 | 99.9  | 99.9         | 99.9                 | 99.9                 |
| ≥ 800                      | 90.7                | 98.0         | 94.9         | 99.2 | 99.0         | 99.6                 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9                 | 99,9  | 99.9         | 99.9                 |                      |
| ≥ 600<br>≥ 500             | 90.7                | 98.0         | 98,9         | 99.2 | 99.6         | 99.6                 | 99.8         | 99,8         | 99.8         | 99,9         | 99.9         | 99.9                 | 100.0 |              | 100.0<br>100.0       | 100.0                |
| ≥ 400                      | 90.7                | 98.0         | 98.9         |      |              | 99.6                 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99,9                 | 100.0 | 100.0        | 100.0<br>100.0       | 100.0                |
| ≥ 200                      | 90.7                | 98,0         |              |      | 99.6         | 99.6                 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99,9                 |       | 100.0        | 100.0                | 100.0                |
| ≥ 0                        | 9C.7                | 98.0         | 98.9         | 99.2 | 99.6         | 99.6                 | 99.8         | 99.1         | 99.8         | 99.9         | 99.9         | 99.9                 | 100.0 | 100.0        | 100.0                | 100.0                |

TOTAL NUMBER OF OBSERVATIONS\_

DATA FRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

#### **CEILING VERSUS VISIBILITY**

CLCUA

JU-NSTEN ISLAND/PACIFIC IS

49-72

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING                    |                      |                      |              |                      |      |              | VIS          | IBILITY (STA | ATUTE MIL            | ES)                  |                      |                      |      |                      |              |                |
|----------------------------|----------------------|----------------------|--------------|----------------------|------|--------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|------|----------------------|--------------|----------------|
| FEET                       | ≥10                  | ≥6                   | ≥5           | ≥ 4                  | ≥3   | ≥217         | ≥2           | ≥1%          | 4' 1≤                | ≥1                   | ≥ ¾                  | ≥%                   | ≥ ⅓  | ≥ 5/16               | ≥ ¼          | ≥0             |
| NO CEILING<br>≥ 20000      | 30.0<br>56.0         | 59.3                 | 50.3<br>64.9 | 55.3                 |      | 58.3<br>64.9 | 58.3         | 58,3<br>64.9 | 58.3                 | 50.3                 | 58.3<br>64.9         | 58.3                 |      | 58.3<br>64.9         | 58.3<br>64.9 | 58.3<br>64.9   |
| ≥ 18000<br>≥ 16000         | 36.1                 | 65.0                 | 65.0<br>65.5 | 65.0                 | 65.5 | 65.0<br>65.5 | 65.0<br>65.5 | 65.0<br>65.5 | 65.0                 | 65.0<br>65.5         | 65.0                 | 65.0                 | 65.5 | 65.0<br>95.5         | 65.0<br>65.5 | 65.5           |
| ≥ 14000<br>≥ 12000         | 58.8                 | 57.9<br>70.8         | 57.9<br>70.8 | 70 P                 | 70.8 | 67.9<br>70.8 | 67.9         | 67.9<br>70.8 | 67.9<br>70.8         | 67.9<br>70.8         | 67.9<br>70.8         | 67.9<br>70.8         | 70.8 | 67.9<br>70.8         | 67.9<br>70.8 |                |
| ≥ 10000                    | 15.8                 | 77.2                 | 77.5         | 76.1<br>77.5         | 77.5 | 76.1<br>77.5 | 76.1         | 76.1<br>77.5 | 76.1                 | 76.1                 | 76.1                 | 76.1<br>77.5         |      | 76.1<br>77.5         | 76.1<br>77.5 | 76.1           |
| ≥ 8000<br>≥ 7000<br>≥ 6000 | 70.0                 | 80.0<br>81.1<br>82.0 | 81.5         | 80.4<br>81.5         | 81.5 | 80.4         | 80.4<br>81.5 | 80,4         | 80.4                 | 80.4                 | 80.4                 | 80.4                 | 81.5 | 80.4                 | 80.4         | 81.5           |
| ≥ 5000<br>≥ 4500           | 72.3                 | 84.1                 | 84.6<br>85.1 | 84.7<br>85.2         | 84.7 | 82.5         | 84.7<br>85.2 | 82.5         | 82.5<br>84.7<br>85.2 | 82.6<br>84.8<br>85.3 | 82.6<br>34.8<br>85.3 | 82.6<br>84.8<br>85.3 | 84.8 | 82.6<br>84.8<br>85.3 | 82.6<br>84.8 | 84.8           |
| ≥ 4000<br>≥ 3500           | 73.7                 | 85.8                 | 86.5<br>87.6 | 86.6                 | 86.8 | 86.8         | 86.9<br>85.0 | 86.9<br>88.0 | 86.9                 | 87.0<br>88.1         | 87.0                 | 87.C                 |      | 87.0<br>88.1         | 87.0<br>88.1 | 87.0<br>88.1   |
| ≥ 3000<br>≥ 2500           | 75.6                 | 83.0<br>89.8         | 90.5         | 88.6                 | 88.9 | 90.8         | 89.2         | 89.2         | 91.1                 | 89.4<br>91.2         | 91.2                 | 91.2                 |      | 89.4<br>91.2         | 89.4<br>91.2 | 89.4           |
| ≥ 2000<br>≥ 1800           | 10.9                 | 95.6                 | 97.5         | 96.6<br>97.6         | 96.7 | 96.7         | 97.0         | 97.0         | 97.0                 | 97.2                 | 97.2                 | 97.2                 | 97.2 | 97.2                 | 97.2         | 97.2           |
| ≥ 1500<br>≥ 1200           | 52.0                 | 97.5                 | 98.4         | 98.5                 | 98.7 | 98.7         | 99.0         | 99.0         | 99.0                 | 99.1                 | 99.1                 | 99.1                 | 99.1 | 99.1                 | 99.1         | 99.1           |
| ≥ 1000                     | 52.2                 | 97.7                 | 98.0         | 98,8<br>98,8         |      | 99.1         | 99.5         | 99.5         | 99.5                 | 99.6                 | 99.6                 | 99.6                 |      | 99.6                 | 99.6         |                |
| ≥ 800<br>≥ 700<br>≥ 600    | 2.2                  | 97.7                 | 98.6         | 98.8                 | 99.1 | 99.1         | 99.6         | 99.6         | 99.6                 | 99.8                 | 99.7                 | 99.8                 |      | 99.7                 | 99.7         |                |
| ≥ 500<br>≥ 400             | 82.2                 | 97.7                 | 98.6         | 98,8                 | 99.1 | 99.1         | 99.6         | 99.6         | 99.6                 | 99.8                 | 99.8                 | 99,8                 | 99.9 | 99.8                 | 99.8         | 99,8           |
| ≥ 300<br>≥ 200             | 32.2<br>02.2<br>42.2 | 97.7                 | 98.6         | 98.8<br>98.8<br>98.8 | 99.1 | 99.1<br>99.1 | 99.6         | 99.6<br>99.6 | 99.6                 | 99,9                 | 99.9                 | 99,9                 | 99,9 | 99,9                 | 99,9         | 99,9           |
| ≥ 100<br>≥ 0               | 02.2                 | 97.7                 | 98.6<br>98.6 | 98.8                 | 99.1 | 99.1         | 99.6         | 99.6         | 99.6                 | 99.9                 | 99.9                 |                      |      | 100.0                | 100.0        | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_\_

2

CATA PRICESSING ! RANGE SAF ETAC AIR EAT ER ENVICEY AC

### CEILING VERSUS VISIBILITY

J. D. N. S. T. N. ISL G. M. P. ACIFIC IS

47-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (ST

| CEILING               |              |              |              |              |              |              | VISI         | BILITY (ST)  | ATUTE MILE | ES)          |              |              |              |              |       | \            |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|-------|--------------|
| FEET.                 | ≥10          | ≥6           | ≥ 5          | ≥4           | ≥3           | ≥21.2        | ≥ 2          | ≥1,10        | ≥14        | ≥1           | ≥ 1,4        | ≥ 5/8        | ≥ ½          | ≥ 5:16       | ≥ 1/4 | ≥0           |
| NO CEILING<br>≥ 20000 | 46.1<br>34.0 | 54.2         | 54.2         | 54.2         | 54.2         | 54.2         | 54.2         | 54.2<br>60.8 | 54.2       | 54.2         | 54.2         | 54.2         | 54.2         | 54.2         | 54.2  | 54.2         |
| ≥ 18000<br>≥ 16000    | 54.2         | 61.0         | 51.0         | 61.0         | 61.0         | 61.0         | 61.0         | 61.9         | 61.0       | 61.0         | 61.0         | 61.0         | 61.0         | 61.0         | 01.0  | 61.0         |
| ≥ 14000<br>≥ 12000    | 37.0         | 64.0         | 57.7         | 67.7         | 64.0         | 64.C         | 64.0         | 64,0         | 64.0       | 67.7         | 67.7         | 67.7         | 64.0         | 64.0         | 64.0  | 64.0         |
| ≥ 10000<br>≥ 9000     | 65.0         | 72.6         | 72.8         | 72.8         | 72.H<br>74.6 | 72.9         | 72.8         | 72.8         | 72.8       | 72.8         | 72.8<br>74.6 | 72.3         | 72.8         | 72.8         | 72.8  | 72.8<br>74.6 |
| ≥ 8000<br>≥ 7000      | 07.7<br>^d.a | 76.9         | 77.1         | 77.1         | 77.1         | 77.1         | 77.1         | 77.1         | 77.1       | 77.1         | 77.1         | 77.1         | 77.1         | 77.1         |       | 77.1         |
| ≥ 6000<br>≥ 5000      | 59.1         | 79.4         | 79.8         | 79.9         | 79.9         | 79.9         | 79.9         | 79.9         | 79.9       | 79.9         | 79.9         | 79.9         | 79.9         | 79.9<br>62.1 |       | 79.9         |
| ≥ 4500<br>≥ 4000      | 71.0         | 82.4         | 82.8         | 82.9         | 84.7         | 82.9         | 84.9         | 83.0         | 83.0       | 83.0         | 83.0         | 83.0         | 83.0<br>84.9 | 33.0         | 83.0  | 83.0         |
| ≥ 3500<br>≥ 3000      | 73.1<br>74.0 | 85.7         | 86.5         | 85.8         | 86.0         | 86.0         | 86.1         | 86.1         | 86.1       | 86.1         | 86.1         | 87.0         | 86.1         | 86.1<br>87.0 | 87.0  | 86.1<br>87.0 |
| ≥ 2500<br>≥ 2000      | 74.9<br>79.9 | 54.8         | 94.1         | 37.9<br>94.4 | 88.1<br>34.0 | 88.1<br>94.6 | 88.2<br>94.8 | 88.2<br>94.8 | 88.2       | 88.3<br>94.8 | 88.3         | 88.3<br>94.8 | 88.3         | 88.3<br>94.8 | 88.3  | 88.3<br>94.8 |
| ≥ 1800<br>≥ 1500      | 1.3          | 95.8<br>96.8 | 98.2         | 97.1         | 97.3         | 97.3<br>98.9 | 97.5         | 97.5         | 97.5       | 97.5         | 97.5<br>99.2 | 97.5         | 97.5         | 97.5<br>99.2 | 97.5  | 97.5         |
| ≥ 1200<br>≥ 1000      | 2 L . 9      | 97.1         | 98.5<br>96.5 | 98.9<br>98.9 | 99.3         | 99.3         | 99.5         | 99.5         | 99.5       | 99.6         | 99.6         | 99.6         | 99.6         | 99.6         |       | 99.6         |
| ≥ 900<br>≥ 800        | 1.9          | 97.2         | 98.7<br>98.8 | 99.1         | 99.4         | 99.4         | 99.7         | 99.7         | 99.7       | 99.8         | 99.8         | 99.9         | 99.8         | 99.8         | 99.8  | 99.8         |
| ≥ 700<br>≥ 600        | 61.9         | 97.3         | 98.8         | 99.1         | 99.5         | 99.5         | 99.8         | 99.8         | 99.8       | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9  | 99.9         |
| ≥ 500<br>≥ 400        | 1.9          | 97.3         | 98.8         | 99.1         | 99.6         | 99.6         | 99.9         | 99.9         | 99.9       | 99.9         | 99.9         | 99.9         | 99.9         |              | 100.0 | 100.0        |
| ≥ 300<br>≥ 200        | 1.9          | 97.3         | 98.8         | 99.1         | 99.6         | 99.6         | 99.9         | 99,9         | 99.9       | 99.9         | 99.9         | 99.9         | 99.9         |              | 100.0 |              |
| ≥ 100<br>≥ 0          | 1.9<br>(1.9  | 97.3         | 98.8<br>98.8 | 99.1         | 99.0         | 99.6         | 99,9         | 99,9         | 99.9       | 99.9         | 99.9         | 99.9         | 99.9         |              | 100.0 |              |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

CATA PROCESSING RANGE USAF LTAT AIR REATHER GENTLEF/NAC

### **CEILING VERSUS VISIBILITY**

ZICO3

JUMNSTER ISLA JULF ACTIFIC IS

49-72

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 Hours (LST)

| CEILING                    |                      |                      |                      |                      |              |              | VIS                  | IBILITY (STA | ATUTE MIL    | ES:                  |                      |              |              |              |              |              |
|----------------------------|----------------------|----------------------|----------------------|----------------------|--------------|--------------|----------------------|--------------|--------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|
| FEET                       | ≥10                  | ≥6                   | ≥5                   | ≥ 4                  | ≥ 3          | ≥2'⁄2        | ≥ 2                  | ≥1½          | ≥1%          | ≥1                   | ≥ 1,4                | ≥ 5/8        | ≥ 19         | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 40.2                 | 44.1<br>56.4         | 44.1<br>55.4         | 44.1                 | 44.1<br>55.4 | 44.1<br>56.4 | 44.1                 | 44.1<br>56.4 | 44.1         | 44.1<br>50.4         | 44.1                 | 44.1<br>56.4 | 44.1         | 44.1<br>55.4 | 44.1         | 44.1         |
| ≥ 18000<br>≥ 16000         | 52.9                 | 57.2                 | 57.2<br>57.6         | 57.2<br>57.6         | 57.2         |              | 57.2<br>57.6         | 57.2<br>57.6 | 57.2         |                      | 57.2<br>57.6         | 57.0<br>57.6 | 57.2         |              | 57.2<br>57.6 |              |
| ≥ 14000<br>≥ 12000         | 54.8                 | 60.0<br>63.5         | 50.0<br>63.5         | 60.0                 | 50.0<br>63.5 | 63.5         | 60.0<br>63.5         | 60.0<br>63.5 | 60.0         | 60.0                 | 60.0                 | 60.0         | 60.0<br>63.5 | 60.0         | 60.0         |              |
| ≥ 10000<br>≥ 9000          | 26.4                 | 71.4                 |                      | 70.2                 | 70.2         |              | 70.2                 |              |              |                      | 70.2<br>72.6         | 70.2         | 70.2         | 72.6         | 70.2         | 72.6         |
| ≥ 8000<br>≥ 7000           | 70.2                 | 76.4                 | 70.6                 | 75.1<br>76.7         | 75.1<br>76.7 | 75.1<br>76.7 | 75.1                 | 75.1<br>76.7 | 75.1<br>76.7 | 75.1<br>76.7         | 75.1<br>76.7         | 75.1         | 75.1<br>76.7 | 76.7         | 75.1<br>76.7 | 75.1<br>76.7 |
| ≥ 6000<br>≥ 5000           | 71.3                 | 77.9<br>80.7         | 81.0                 | 78.2                 | 78.2         | 78.2<br>81.1 | 78.2                 | 78.2<br>81.1 | 74.2         | 81.1                 | 78.2                 | 78.2<br>81.1 | 78.2<br>01.1 | 81.1         | 78.2         | 81.1         |
| ≥ 4500<br>≥ 4000           | 76.3                 | 81.4                 | 81.7<br>64.2         | 81.8                 | 81.8         | 81.8         | 81.8                 | 84.5         | 81.8         | 84.5                 | 81.8                 | 81.8         | 84.5         | 84.5         | 81.8         | 84.5         |
| ≥ 3500<br>≥ 3000           | 77.1<br>/7.9<br>79.7 | 83.5                 | 05.0                 | 86.1                 | 85.3         | 85.3         | 85.4<br>85.4         | 86.4         | 85.4         | 85.4                 | 85.4                 | 85.4         | 86.4         | 86.4         | 85.4         | 86.4         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 4.6                  | 87.5<br>92.9<br>95.2 | 88.0<br>93.4<br>95.9 | 93.7                 | 93.8         | 93.3         | 88.5<br>94.0<br>96.5 | 94.0         | 94.0         | 88.5<br>94.0<br>96.6 |                      | 94.0         | 94.0         | 94.0         | 94.0         | 94.0         |
| ≥ 1500                     | 23.2                 | 97.4                 | 98.2                 | 96.2<br>98.5<br>98.5 | 98.6         | 98.6         | 98.8                 | 98.8         | 96.5<br>98.8 | 98.8<br>98.9         | 96.6<br>98.8<br>98.9 | 96.6         |              | 98.6         | 96.6         | 98.8         |
| ≥ 1000                     | 70.2<br>50.2         | 97.5                 | 98.5                 | 98,4                 | 98.7         | 98.7<br>99.0 | 99.1                 | 99.1         | 99.1         | 99.5                 | 99.5                 | 98.9<br>99.5 | 98.9<br>99.5 | 1            | 98.9<br>99.5 | 1            |
| ≥ 800<br>≥ 700             | 28 . A               | 97.7                 | 96.7<br>98.7         | 99.0                 | 99.1         | 99.1         | 99.3                 | 99.3         | 99.3         | 99.7                 | 99.8                 | 99.8<br>99.8 | 99.8         | 99.8         | 99,8         | 99.0         |
| ≥ 600                      | 88.3                 | 97.7                 | 98.7                 | 99.0                 | 99.1         | 99.1         | 99.3                 | 99.4         | 99.4         | 99.7                 | 99.8                 | 99.8         | 99.9         | 99.R         | 99,0         | امتما        |
| ≥ 400                      | * d . 3              | 97.7                 | 98.8                 | 99.1                 | 99.3         | 99.3         | 99.4                 | 99.4         | 99.4         | 99.9                 | 99.9                 | 99.9         | 99.9         | 99.9         | 99.9         | 100.0        |
| ≥ 200                      | 18.3                 | 97.7                 | 98.8                 |                      | 99.3         | 99.3         | 99.4                 | 99.4         | 99.4         | 99.9                 | 99.9                 | 99.9         | 99,9         | 99,9         | 99.9         | 100.0        |
| ≥ 0                        | 8.3                  | 97.7                 | 90.8                 | 99.1                 | 99.3         | 99.3         | 99.4                 | 99,4         | 99.4         | 99,9                 | 99.9                 | 99.9         | 99,9         | 99.9         |              | 100.0        |

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

09/10-1100 HOURS 1571

| CEILING               |                |              |              |              |              |              | VIS          | IBILITY (ST  | ATUTE MIL    | ES)          |              |              |                      |              |              |              |
|-----------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|
| FEET                  | ≥10            | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥21⁄2        | ≥ 2          | ≥1 %         | ≥1!          | ≥1           | ≥ 3,4        | ≥ 5/8        | ≥ 1/2                | ≥ 5 16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000 | -5.4<br>-0.3   | 57.3         | 50.3<br>54.3 | 50.3         | 50.3         | 50.3<br>64.4 | 50.3<br>64.8 | 50.3<br>64.4 | 50.3<br>64.8 | 1            | 50.3         | 50.3         |                      |              | 50.3<br>64.8 | 50.3<br>64.3 |
| ≥ 18000<br>≥ 16000    | 8              | 65.5         | 55.6<br>56.5 | 65.6         | 65.6         | 65.5         | 65.6<br>66.5 | 65.5         | 65.6         | 65,6         | 65.6         | 65.6         | 65.6                 |              | 65.6         | 65.6         |
| ≥ 14000<br>≥ 12000    | 1.5.7          | 68.8<br>71.6 | 59.0<br>71.7 | 64.0<br>71.7 | 69.0         | 69.C         | 69.0         | 69.0         | 59.0<br>71.7 | 69.0<br>71.7 | 69.0         | 69.6         | 69.0<br>71.7         |              | 49.0         | 69.0         |
| ≥ 10000<br>≥ 9000     | 72.1<br>74.9   | 73.2<br>81.1 | 76.6<br>81.5 | 73.6         | 78.6<br>81.5 | 7d.6         | 76.6         | 81.5         | 78.6         | 71.6<br>81.5 | 78.6<br>81.5 | 78.5         | 78.6<br>*1.5         | 72.6<br>81.5 | 78.6<br>81.5 | 78.6         |
| ≥ 8000<br>≥ 7000      | 70.3           | 82.7<br>84.1 | 93.1<br>84.4 | 83.1<br>84.5 | 83.1         | 83.1<br>84.5 | #3.1<br>84.5 | 83.1<br>84.5 | 84.5         | 83.1<br>84.5 | 83.1<br>34.5 | 83.1         | 83.1                 | 83.1<br>84.5 | 83.1<br>84.5 | 83.1<br>84.5 |
| ≥ 6000<br>≥ 5000      | 76.1           | 84.7         | 87.5         | 87.1         | 85.1<br>87.6 | 87.6         | 87.6         | 85.1<br>87.6 | 85.1         | 85.1<br>87.6 | 85.1         | 87.0         | 87.6                 | 87.6         | 85.1<br>87.6 | 85.1<br>87.6 |
| ≥ 4500<br>≥ 4000      | -0.7<br>∂1.8   | 87.6         | 89.1         | 89.2         | 88.0         | 89.3         | 88.0         | 89,4         | 88.0         | 88.0         | 89.4         | 89.4         | 88.0                 | 89.4         | 69.4         |              |
| ≥ 3500<br>≥ 3000      | 7.0<br>2.8     | 89.9         | 90.3         |              | 90.6         |              | 90.7         | 90.7         | 90.7         | 89.8<br>90.7 | 90.7         | 89.3<br>90.7 | 89 <b>.8</b><br>90.7 | 90.7         | 90.7         | 90.7         |
| ≥ 2500<br>≥ 2000      | 4.2            | 95.8         | 91.6         | 96.6         | 92.2         | 96.8         | 92.2         | 96.9         | 92.2         | 92.2         | 92.2         | 92.2         | 96.9                 | 96.9         | 96.9         | 96.9         |
| ≥ 1800<br>≥ 1500      | 9.8            | 97.5         | 98.0<br>98.6 |              | 98.5         | 98.5         | 98.5         | 99.3         | 98.5         | 98.5         | 98.5         | 98.5         | 98.5                 | 98.5         | 98.5         | 98.5         |
| ≥ 1200<br>≥ 1000      | 90.4           | 9: 5         | 99.5         | 99,3         | 99.6         | 99.6         | 99.6         | 99.6         | 99.6         | 99.6         | 99.9         | 99.6         | 99.6                 | 99.9         | 99.ú         | 99.6         |
| ≥ 900<br>≥ 800        | 10.44<br>50.44 | 98.5         | 99.3         | 99.5         | 99.6         | 99.3         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9         | 99.9         | 99,9                 | 99.9         | 99.9         | 99.9         |
| ≥ 700<br>≥ 600        | 90.4           | 98.5         | 99.3         | 99.5         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9                 | 99.9         |              | 99.9         |
| ≥ 500<br>≥ 400        | 90.4           | 98.5         | 99.3<br>99.3 | 99.5         | 99.8         | 99.8         | 99.9         | 99,9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9                 | 99.9         | 99.9         | 99.9         |
| ≥ 300 ≥ 200           | 90.4           | 98.5         | 99.3         | 99.5         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9                 | 99,9         | 99.9         | 99.9         |
| ≥ 100                 | 20.            | 98.5         | 94.3         |              | 99.6         | 99.0         | 99.9         |              | 99.9         | 99.9         | 99.9         | 99.9         | 99.9                 | 99.9         |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 6/2 JOHNSTON ISLAND, PACIFIC ISLAND, REVISED UNIFORM SUMMARY OF SIM--ETC/ AU-A102 409 JUN 73 UNCLASSIFIED USAFETAC/DS-81/071 \$81E-AD-E850 OA1 ч. 3 ∘ 5

DATA PROCESSING ARANCH USAF ETAC AIR REATHER SELVICE/MAC

### **CEILING VERSUS VISIBILITY**

21002

JOHNSTON ISLANDAPACIFIC IS

49=72

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING                    |              |              |                      | ,            |              | _                    | VIS                  | BILITY ISTA          | ATUTE MIL    | ES)          |      |              |      |              |              |                      |
|----------------------------|--------------|--------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|--------------|--------------|------|--------------|------|--------------|--------------|----------------------|
| FEET                       | ≥10          | ≥6           | ≥ 5                  | ≥4           | ≥3           | ≥2'ס                 | ≥ 2                  | ≥15                  | ≥1%          | ≥1           | ≥ ¼  | ≥%           | ≥%   | ≥ 5/16       | ≥ ¼          | ≥0                   |
| NO CEILING<br>≥ 20000      | 43.8<br>57.4 | 47.3<br>61.9 | 47.4                 | 47.4         | 47.4         | 47.4                 | 47.4                 | 47.4                 | 47.4         | 47.4<br>62.2 | 47.4 | 47.4         | 47.4 | 47.4         | 47.4         | 47.4                 |
| ≥ 18000<br>≥ 16000         | 58.0<br>58.9 | 63.5         | 62.8                 | 62.8         | 52.8<br>63.7 | 63.7                 | 62.8                 | 62.8                 | 62.8         | 62.8<br>63.7 | 62.8 | 62.8<br>63.7 | 62.8 | 62.8<br>63.7 | 62.8         | 62.8                 |
| ≥ 14000<br>≥ 12000         | 50.8         | 65.9         | 66.1<br>55.5         | 66.1<br>68.5 | 66.1         | 66.1                 | 66.1                 | 66.1                 | 66.1         | 66.1<br>68.5 | 66.1 | 66.1         | 66.1 | 66.1<br>68.5 | 56.1<br>68.5 | 66.1                 |
| ≥ 10000<br>≥ 9000          | 70.2         | 74.2         | 74.7                 | ·            | 74.7         | 74.7                 | 76.6                 | 74.7                 | 74.7         | 74.7         | 74.7 | 74.7         | 74.7 | 74.7         | 74.7         | 74.7                 |
| ≥ 8000<br>≥ 7000           | 71.8         | 77.8         | 78.2<br>79.7         | 79.7         | 78.2<br>79.7 | 78.2                 | 78.2                 | 78.7                 | 78.2         | 75.2         | 78.2 | 78.2<br>79.7 | 78.2 | 78.2<br>79.7 | 78.2<br>79.7 | 79.7                 |
| ≥ 6000<br>≥ 5000           | 74.1         | 83.2         | 81.0<br>83.8         | 7.4          | 81.0<br>83.8 | 81.0                 | 83.9                 | 81.0                 | 83.9         | 81.0         | 83.9 | 81.0         | 81.0 | 81.0         | 83.9         | 81.0                 |
| ≥ 4500<br>≥ 4000           | 77.1<br>78.6 | 83.7         | 84.4                 | 84.4         | 86.2         | 86.2                 | 86,3                 | 84.5                 | 86.3         | 86.3         | 84.5 | 84.5         | 86.3 | 84.5         | 86.3         | 86.3                 |
| ≥ 3500<br>≥ 3000           | 79.2         | 86.0         |                      |              | 86.9         | 86.9                 | 87.0<br>87.8         | 87.8                 | 87.0<br>87.8 | 87.0<br>87.8 | 87.0 | 87.8         | 87.0 | 87.0<br>67.8 | 87.8         | 87.0<br>87.8         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 87.7<br>87.7 | 95.1<br>95.7 | 89.6<br>96.0<br>97.7 |              | 96.4<br>96.4 | 89.8<br>96.4<br>98.1 | 89.8<br>96.5<br>98.2 | 99.9<br>96.6<br>98.3 | 96.6         | 96.6<br>98.3 | 96.6 | 96.6         | 96.6 | 96.6         | 96.6<br>98.4 | 89.9<br>96.6<br>98.4 |
| ≥ 1500<br>≥ 1500           | 19.4         | 97.4         | 98.5                 | 98.8<br>98.4 |              | 99.1                 | 99.1                 | 99.3                 | 99.3         | 99.5         | 99.5 | 99.5         | 99.5 | 99.5         | 99.0         | 99.6                 |
| ≥ 1000                     | 19.4         | 97.4         | 98.5                 | 98.8         | 99.1         | 99.1                 | 99.3                 | 99.4                 | 99.4         | 99.8         | 99.8 | 99.8         | 99.8 | 99.8         | 99.9         | 99.9                 |
| ≥ 800                      | 39.4         | 97.4         | 98.5                 | 98.8         | 99.1         | 99.1                 | 99.3                 | 99.3                 | 99.5         | 99.9         | 99.9 | 99.9         | 99.9 | 99.9         | 99.9         | 99.9                 |
| ≥ 600<br>≥ 500             | 29.4         | 97.4         | 98.5                 | 98.9         | 99.2         | 99.2                 | 99.4                 | 99.6                 | 99.6         | 99.9         | 99.9 | 99.9         | 99.9 | 99.9         | 100.0        | 100.0                |
| ≥ 400                      | F9.4         | 97.4         | 98.5                 | 98.9         | 99.2         | 99.2                 | 99.4                 | 99.6                 | 99.6         | 99.9         | 99.9 | 99.9         | 99.9 | 99.9         | 100.0        | 100.0                |
| ≥ 200<br>≥ 100             | 49.4         | 97.4         | 98.5                 | 98.9         | 99.2         | 99.2                 | 99.4                 | 99.6                 | 99.6         | 99.9         | 99.9 | 99.9         | 99.9 | 99.9         | 100.0        | 100.0                |
| ≥ 0                        | 89.4         | 97,4         | 98.5                 | 93.9         | 99.2         | 99.2                 | 99.4                 | 99.0                 | 99.6         | 99.9         | 99.9 | 99.9         | 99,9 | 99.9         |              | 100.0                |

TOTAL NUMBER OF OBSERVATIONS....

1377

# **CEILING VERSUS VISIBILITY**

A 1 TO JOHN

JO ANT H ISLANDIFIC IS

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-170C

| CEILING               |              |              |              | -            |              |              | VIS          | IBILITY (ST) | ATUTE MIL    | ES)          |                |                |                |              |                |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|--------------|----------------|--------------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥4           | ≥3           | ≥2⅓          | ≥ 2          | ≥1%          | ≥1¼          | ≥1           | ≥ ¾            | ≥ %            | ≥ ½            | ≥ 5/16       | 2¼             | ≥0           |
| NC CEILING<br>≥ 20000 | 40.8         | 60.6         | 44.7<br>50.8 | 44.7<br>60.8 | 44.7<br>60.8 | 60.8         | 44.7<br>60.8 | 44.7<br>60.8 | 60.8         | 60.8         | 44.7<br>60.8   | 44.7           | 60.8           | 44.7<br>60.8 | 44.7           | 44.7<br>60.8 |
| ≥ 18000<br>≥ 16000    | 50.7<br>57.7 | 62.6         | 62.8         | 62.8         | 61.9<br>62.8 | 62.8         | 61.9         | 61.9         | 61.9         | 61.9<br>62.8 | 61.9           | 61.9<br>62.8   | 61.9           |              | 62.8           | 61.9<br>62.8 |
| ≥ 14000<br>≥ 12000    | 59.9<br>63.2 | 65.1         | 65.4         | 65.4         | 65.4         | 65.4<br>68.8 | 65.4         | 65,4<br>68,8 | 68,8         | 68,8         | 68.8           | 65.4           | 65.4           | 65.4         | 65.4           | 65.4         |
| ≥ 10000<br>≥ 9000     | 70.7         | 76.4         | 74.9         | 76.8         | 74.9<br>76.8 | 74.9         | 74.9         | 74.9<br>76.8 | 74.9<br>76.8 | 74.9         |                | 74.9           | 74.9           | 76.5         | 74.9           |              |
| ≥ 8000<br>≥ 7000      | 73,1         | 75.8         | 80.1         | 79.2<br>80.1 | 79.2<br>80.1 | 79.2<br>80.1 | 74.2<br>80.1 | 79.2<br>80.1 | 79.2<br>80.1 | 79.2<br>80.1 | 79.2<br>80.1   | 79.2<br>30.1   | 80.1           | 79.2<br>80.1 | 80.1           | 80.1         |
| ≥ 6000<br>≥ 5000      | 74.4         | 80.2         | 80.6         |              | 83.2         | 83.2         | 80.6         | 80.6<br>83.2 | 80.6         | 83.2         | 83,2           | 80.6           | 83,2           | 83.2         | 80.6           | 83.2         |
| ≥ 4500<br>≥ 4000      | 77.4         |              | 84.1<br>55.9 | 84.2         | 84.2<br>66.1 | 84.2         | 84.2         | 86.1         | 86.1         | 84.2<br>86.1 | 86.1           | 86.1           | 86.1           | 86.1         | 84.2           | 86.1         |
| ≥ 3500<br>≥ 3000      | 79.8         | 86.3<br>87.0 |              | 86.9         |              | 86.9         | 87.7         | 87.0<br>87.7 | 87.7         | 87.7         | 87.7           | 87.7           | 97.0<br>87.7   | 87.0<br>87.7 | 87.0           | 87,7         |
| ≥ 2500<br>≥ 2000      | 7.1          | 94.9         | 95.8         | 96.7         | 96.2         | 96.2         | 96.2         | 96.2         | 96.2         | 96.2         | 96.2           | 96.2           | 96.2           | 96.2         | 49.9<br>96.2   | 96,2         |
| ≥ 1800<br>≥ 1500      | 39.0         | 96.2         | 98.5         | 98.8         | 99.0         | 97.6         | 99.1         | 97.7         | 97.7         | 97.8         | 97.6           | 99.3           | 97.            | 97.8         | 97.8           | 97.8<br>99.3 |
| ≥ 1200<br>≥ 1000      | 19.0         | 97.6         | 99.0         | 98.9         | 99.4         | 99.1         | 99.6         | 99.4         | 99.4         | 99.6         | 100.0          | 79.6           | 100.0          | 100.0        | 100.0          | 99.6         |
| ≥ 900<br>≥ 800        | 89.2         | 97.8<br>97.8 | 99.0         | 99.2         | 99.4         | 99.4         | 99.6         | 99.7         | 99.8         | 99.9         | 100.0          | 100.0          | 100.0          | 100.0        | 100.0          | 100.0        |
| ≥ 700<br>≥ 600        | 19.2         | 97.8         | 99.0         | 99,2         | 99.4         | 99.4         | 99.6         | 99.7         | 99.8         | 99.9         | 100.0          | 100.0          | 100.0          | 1 3 3 3      | 100.0          | 100.0        |
| ≥ 500<br>≥ 400        | 69.2         | 97.8         | 99.0         | 99,2         | 99.4         | 99.4         | 99.6         | 99,7         | 99.8         | 99,9         | *              | 100.0          | 100.0          |              | 100.0          | 100.0        |
| ≥ 300                 | 09.2         | 97.8         | 99.0         | 99,2         | 99.4         | 99.4         | 99.6         | 99.7         | 99.8         | 99.9         |                |                |                | 100.0        |                |              |
| ≥ 100<br>≥ 0          | 89.2<br>49.2 | 97.8         | 99.0         | 99.2<br>99.2 | 99.4         | 99.4         | 99.6         | 99.7         | 99.8         | 99.9         | 100.0<br>100.0 | 100.0<br>100.0 | 100.0<br>100.0 |              | 100.0<br>100.0 |              |

1377

USAF ETAC THE GOLD 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

 ${\bf f}_{i}^{*}$ 

DATA PROCESSING BRANCH USAF ETAC AIR REATHER SETYCE/MAC

# CEILING VERSUS VISIBILITY

21601

JUP-NISTON ISLAND/PACIFIC IS

42-72

1F00-2000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING<br>(FEET)  |       |      |      |      |      |      | VISI | IBILITY (STA | TUTE MIL | ES)   | r     |       |         | ,      |         |           |
|--------------------|-------|------|------|------|------|------|------|--------------|----------|-------|-------|-------|---------|--------|---------|-----------|
| (FEE1)             | ≥10   | ≥6   | ≥5   | ≥ 4  | ≥3   | ≥2½  | ≥ 2  | ≥1%          | ≥11/4    | ≥1    | ≥¾    | ≥ %   | ≥ ⅓     | ≥ 5/16 | ≥ ¼     | ≥0        |
| NO CEILING         | 43.0  | 48.0 | 48.0 | 48.0 | 46.0 | 48.0 | 45.0 | 48.0         | 48.0     | 48.0  | 48.0  | 48.0  | 48.0    | 48.0   | 48.0    | 48.       |
| ≥ 20000            | 55.0  | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3         | 61.3     | 61.3  | 61.3  | 61.3  | 61.3    | 61.3   | 61.3    | 61.       |
| ≥ 18000            | 56.7  | 62.1 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3         | 62.3     | 62.3  | 62.3  | 62.3  | 62.3    | 62.3   | 62.3    | 62.       |
| ≥ 16000            | 57.6  | 63.0 | 53.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1         | 63.1     | 63.1  | 63.1  | 63.1  | 63.1    | 63.1   | 63.1    | 63.       |
| ≥ 14000<br>≥ 12000 | .9.7  | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4         | 65.4     | 65.4  |       | 65.4  | 65.4    | 65.4   | 65.4    | 65.       |
|                    | 53.1  | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1         | 69.1     | 69.1  | 69.1  | 69.1  | 69.1    | 69.1   | 69.1    | 69.       |
| ≥ 10000            | 6# O  | 74.2 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5         | 74.5     | 74.5  | 74.5  | 74.5  | 74.5    | 74.5   | 74.5    | 74.       |
| ≥ 9000             | 68.9  | 75.1 | 75.5 | 75.5 | 75.5 | 75.5 | 75,5 | 75,5         | 75,5     | 75.5  | 75.5  | 75.5  | 75.5    | 75.5   | 75.5    | 75.       |
| ≥ 8000             | 71.1  | 77.6 | 78.0 | 78.0 | 78.0 | 78.0 | 74.0 | 78.0         | 78.0     |       |       | 78.0  | 78.0    | 78.0   | 78.0    |           |
| ≥ 7000             | 72.2  | 78.9 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3         | 79.3     | 79.3  | 79.3  | 79.3  | 79.3    | 79.3   | 79.3    |           |
| ≥ 6000             | 73.4  | 80.2 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7         | 80.7     | 80.7  |       |       | 90.7    | 80.7   | 80.7    | 80.       |
| ≥ 5000             | 74.6  | 81.9 | 82.3 | 82.3 | 82.4 | 82.4 | 82,4 | 82.4         | 82.4     | 82.4  | 82.4  | 82.4  | 82.4    | 82.4   | 82.4    | 82.       |
| ≥ 4500<br>≥ 4000   | 75.4  | 82.8 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3         | 83.3     |       | 83.3  | 83.3  | 83.3    | 83.3   | 83.3    | 1 2 7 7 3 |
|                    | 76.6  | 84.0 | 84.5 | 84,5 | 84.6 | 84.6 | 84.7 | 84.7         | 84.7     | 84.7  | 84.7  | 84.7  | 84.7    | 84.7   | 24.7    | 84.       |
| ≥ 3500<br>≥ 3000   | 77.7  | 85.5 | 80.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1         | 86.1     | 86.1  | 86.1  | 86.1  | 86.1    | 86.1   | 86.1    | 86.       |
|                    | 78.4  | 80.2 | 86.8 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0         | 87.0     | 87.0  | 87.0  | 87.0  | 67.0    | 87.C   | 87.0    |           |
| ≥ 2500<br>≥ 2000   | 40.4  | 88.7 | 89.3 | 89.3 | 89.4 | 89.4 | 89.5 | 89,5         | 89.5     | 89.5  | 89.5  | 89.5  | 89.5    | 89.5   | 89.5    |           |
|                    | 54.7  | 94.4 | 95.1 | 95.1 | 95.3 | 95.3 | 95.6 | 95.6         | 95.6     | 95,6  | 95.6  | 95.6  | 95.6    | 95.6   | 95.0    | 95.0      |
| ≥ 1800<br>≥ 1500   | 16.3  | 96.4 | 37.4 | 97.4 | 97.7 | 97.7 | 98.0 | 98.0         | 98.0     | 98.0  | 98.0  | 98.0  |         | 98.0   |         |           |
|                    | (7.1  | 97,5 | 98.5 | 73.5 | 98.8 | 98,8 | 99.2 | 99,2         | 99.2     | 99,3  | 99.3  | 99.3  | 99.3    | 99.3   | 99.3    | 99        |
| ≥ 1200<br>≥ 1000   | 67.1  | 97.5 | 98.6 | 98.6 | 99.1 | 99.1 | 99.4 | 99.4         | 99.4     | 99.5  | 99.5  | 99.5  | 99.5    | 99,5   | 99.5    | 99.       |
|                    | 67.3  | 97.8 | 98.9 | 99.0 | 99.4 | 99.4 | 99.8 | 97.8         | 99.8     | 99.9  | 99.9  | 99.9  | 99.9    | 99.9   | 99.9    | 99.       |
| ≥ 900<br>≥ 800     | 37.3  | 97.7 | 98.9 | 99.0 | 99.4 | 99.4 | 99.8 | 99,8         | 99.8     | 99.9  | 99.9  | 99.9  | 99.9    | 99.9   | 99.9    | 99.       |
|                    | 1:7.3 | 97.9 | 38.9 | 99.0 | 99.4 | 79.4 | 99,8 | 99,6         | 99.8     | 99,9  | 99,9  | 99,9  | 99.7    | 99,9   | 99.9    | 77,       |
| ≥ 700<br>≥ 600     | 47.3  | 97.5 | 98.9 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8         | 77.8     | 100.a | 100.0 | 100.0 | 100.0   | 100.0  | 700 • 0 | 100.0     |
|                    | ×7.3  | 97.8 | 98.9 | 99.1 | 99,4 | 99.4 | 99,8 | 99,8         | 79.8     | 100.0 | 100.0 | 100.0 | 100.0   | 100.0  | 100.0   |           |
| ≥ 500<br>≥ 400     | P7.3  | 97.8 | 98.9 | 99.0 | 99.4 | 99.4 | 99.8 | 99.8         | 79.8     | 100.0 | 100.0 | 100.0 | 100.0   | 100.0  | 100.0   | 100.0     |
|                    | 7.3   | 97.9 | 98.9 | 99.0 |      | 99.4 | 99.8 | 97,8         | 77.8     | 100.0 | 100.0 | 100.0 | 100.0   | 100.0  | 100.0   | 100       |
| ≥ 300<br>≥ 200     | 47.3  | 97,4 | 98.9 | 99.0 |      | 99.4 | 99,8 | 99,8         | 99.8     | 100.0 | 100.0 | 100.0 | 100 · a | 100.0  |         | 100.      |
|                    | c7.3  | 97,8 |      | 99,0 |      |      |      | 99,8         | 99,      | 100.0 |       | 100.0 | 100.0   | 100.0  | 100.0   | 100       |
| ≥ 100<br>≥ 0       | 7.3   | 97.E |      | -    | 99.4 |      | 99.8 | 99.8         |          | 100.0 | 100.q | 100.0 | 100.0   | 100.0  | 100.0   | 100.      |
| ≥ 0                | 27,3  | 97,8 | 98.9 | 99.0 | 99.4 | 99,4 | 99.8 | 99,5         | 99,8     | 100.0 | 100.d | 100.0 | 100.0   | 100.0  | 100.0   | 100       |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM IN 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING PRANCH HEAR ETAL AIR ENT ER LEGVICE / GAC

### CEILING VERSUS VISIBILITY

21603 STATION

JOHNSTON ISLAND/PACIFIC IS

49-72 VEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING                    |              |              |                      |              |              |              | VIS                  | IBILITY (ST. | ATUTE MIL | ES)          |              |       |              |                      |              |                      |
|----------------------------|--------------|--------------|----------------------|--------------|--------------|--------------|----------------------|--------------|-----------|--------------|--------------|-------|--------------|----------------------|--------------|----------------------|
| FEET                       | ≥10          | ≥6           | ≥5                   | ≥ 4          | ≥3           | ≥21/5        | ≥2                   | ≥11⁄2        | ≥1¼       | ≥1           | ≥ ¾          | ≥ 3/8 | ≥%           | ≥ 5/16               | ≥ ¼          | ≥0                   |
| NO CEILING<br>≥ 20000      | 57.8         | 57.9         | 57.9                 | 57.9         | 57.9<br>66.7 | 57.9         | 57.9                 | 57.9<br>66.7 | 57.9      | 57.9<br>66.7 | 57.9<br>66.7 | 57.9  | 57.9<br>66.7 | 57.9<br>66.7         | 57.9<br>66.7 | 57.9                 |
| ≥ 18000<br>≥ 16000         | 58.4         | 67.3         | 67.3                 | 67.3         | 67.3         | 67.3         | 67.9                 | 67.3         | 67.3      | 67.9         | 67.3         | 67.3  | 67.3         | 67.9                 | 67.3<br>67.9 | 67.9                 |
| ≥ 14000<br>≥ 12000         | 51.2<br>54.1 | 70.3         | 70.3                 | 70.3         | 70.3         | 70.3         | 70.3                 | 70.3         | 70.3      | 70.3         | 70.3<br>73.6 | 70.3  | 70.3         | 70.3                 | 70.3         | 70.3<br>73.6         |
| ≥ 10000<br>≥ 9000          | 68.2         | 78.0         | 78.3                 | 78.3         | 78.3         | 78.3<br>79.3 | 78.4                 | 78,4         | 78.4      | 78.4         | 78.4         | 78.4  | 78.4         | 78.4                 | 78.4<br>79.3 | 78.4                 |
| ≥ 8000<br>≥ 7000           | 71.3         | 81.2<br>83.1 | 81.6                 | 81.6         | 81.6         | 83.6         | 81.7                 | 81.7<br>83.7 | 81.7      | 81.7         | 81.7         | 81.7  | 81.7         | 81.7                 | 81.7<br>83.7 | 81.7                 |
| ≥ 6000<br>≥ 5000           | 73.2         | 83.9         |                      | 84.3<br>85.1 | 84.3         | 84.3<br>85.1 | 84.4                 | 85.2         | 85.2      | 84.4<br>65.2 | 85.2         | 84.4  | 85.2         | 84.4                 | 84.4         | 85.2                 |
| ≥ 4500<br>≥ 4000           | 74.2         | 85.2         |                      | 85.7         | 85.7<br>87.2 | 85.7         | 85.9                 | 87.3         | 87.3      | 87.3         | 85.9         | 85.9  | 85.9         | 85.9                 | 85,9         | 85.9                 |
| ≥ 3500<br>≥ 3000           | 76.0<br>76.6 | 87.7         | 88.4<br>59.2         | 88.4         | 85.4         | 88.4         | 89,4                 | 89.4         | 89.4      | 89.4         | 89.4         | 88.5  | 89.4         | 89.4                 | 89,4         | 89.4                 |
| ≥ 2500<br>≥ 2000           | 75.2         | 90.5<br>95.3 | 91.2<br>96.1<br>97.7 | 91.2         | 94.3<br>96.4 | 96.4         | 91.4<br>96.5<br>98.1 | 96.5<br>96.5 | 96.5      | 96.6         | 91.3<br>96.6 | 96.6  | 96.6         | 91.5<br>96.6<br>98.2 | 91.5<br>96.6 | 91.5<br>96.6<br>98.2 |
| ≥ 1800<br>≥ 1000<br>≥ 1200 | 82.9<br>83.1 | 95.9<br>97.5 | 98.4                 | 97.7<br>98.5 | 98.7         | 98.0         | 98,9                 | 98,9         | 98.9      | 99.0         | 99.0         | 99.0  | 99.0         | 99.0                 | 99.0         | 99.0                 |
| ≥ 1000                     | 83.3         | 97.9         | 98.9                 | 99.1         | 99.3         | 99.3         | 99.5                 | 99.5         | 99.5      | 99.8         | 99.8         | 99.8  | 99,8         | 99,8                 | 99,8         | 99.8                 |
| ≥ 800                      | A3.3         | 97.9         | 98.9                 | 99.1         | 99.3         | 99.3         | 99.5                 | 99.5         | 99.5      | 99.9         | 99,9         | 99.9  | 99.9         | 99.9                 | 99,9         | 99.9                 |
| ≥ 600                      | F3.3         | 98.0         | 99.0                 | 99.1         | 99.3         | 99.4         | 99.6                 | 99.6         | 99.6      | 99.9         | 99.9         | 99.9  | 99.9         | 99.9                 | 99.9         | 99.9                 |
| ≥ 400                      | 33.3         | 98.0         | 99.0                 | 99.1         | 99.3         | 99.4         | 99.6                 | 99.6         | 99.6      | 99.9         | 99.9         | 99.9  | 100.0        | 100.0                | 100.0        | 100.0                |
| ≥ 200                      | 3.3          | 98.0         | 1 1 1                | 99.1         | 99.3         | 99.4         | 99.6                 | 99.6         | 99.6      | 99.9         | 99.9         | 99.9  | 100.0        |                      | 100.0        | 100.0                |
| ≥ 0                        | 33.3         | 98.0         | 99.0                 | 99,1         | 99.3         | 99,4         | 99.6                 | 99.6         | 99.6      | 99,9         | 99.9         | 99,9  | 100.0        | 100.0                | 100.0        | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

1375

TATA PROCESSING - KARCH USAF ETAL AIR EAT ER ETATEP/ IC

### CEILING VERSUS VISIBILITY

CONNET IN ISLANCIPACIFIC IS

49#72 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 Houls (LST)

| CEILING                 |              |              |              |              |              |              | VIS          | IBILITY (STA | ATUTE MIL | ES)          |              |              |              |              |                |              |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
| (FEET)                  | ≥10          | ≥6           | ≥5           | ≥4           | ≥3           | ≥2'2         | ≥ 2          | ≥1 ½         | ≥1¼       | ≥1           | ≥ 1/4        | ≥ ¾          | ≥%           | ≥ 5/16       | ≥%             | ≥0           |
| NO CEILING<br>≥ 20000   | 52.7         | 58.3<br>67.3 | 54.0<br>67.3 | 58.0<br>67.3 | 58.0         | 58.0         | 58.0         | 58.0         | 58.0      | 58.0<br>67.3 | 58.0         | 58.0         | 58.0<br>67.3 | 58.0<br>67.3 | 56.0<br>67.3   | 58.0<br>67.3 |
| ≥ 18000<br>≥ 16000      | 60.7         | 67.5         | 67.5<br>68.0 | 67.5         | 67.5         | 67.5         | 67.5         | 67.5<br>68.0 | 67.5      | 67.5<br>68.0 | 67.5         | 67.5         | 67.5         | 67.5<br>68.0 | 67.5           | 67.5         |
| ≥ 14000<br>≥ 12000      | 54.9         | 71.9         | 71.9         | 71.9<br>75.8 | 71.9         | 71.9<br>75.8 | 71.9<br>75.8 | 71.9<br>75.8 | 71.9      | 71.9<br>75.8 | 71.9<br>75.8 | 71.9<br>75.8 | 71.9         | 71.9         | 71.9           | 71.9<br>75.8 |
| ≥ 10000<br>≥ 9000       | 73.6         | 80.0         | 80.0         | 80.0<br>81.2 | 30.1<br>81.3 | 80.1         | 80.1         | 80.1<br>81.3 | 80.1      | 80.1<br>81.3 | 80.1<br>81.3 | 80.1         | 80.1<br>81.3 | 80.1<br>81.3 | 80.1<br>81.3   | 80.1         |
| ≥ 8000<br>≥ 7000        | 75.0<br>75.3 | 62.6         | H2.6         | 83.4         | 82.7         | 83.5         | 83.5         | 82.7         | 82.7      | 82.7<br>83.5 | 82.7<br>83.5 | 82.7         | 82.7         | 82.7<br>83.5 | 82.7<br>83.5   | 82.7<br>83.5 |
| ≥ 6000<br>≥ 5000        | 76.1<br>77.9 | 84.1         | 84.1         | 84.2         | 84.2         | 84.2         | 84.2         | 84.2         | 84.2      | 84.2         | 84.2         | 84.2<br>86.3 | 84.2<br>86.3 | 84.2         | 84.2           | 84.2         |
| ≥ 4500<br>≥ 4000        | 78.3         | 86.8         | 88.2         | 87.0<br>88.3 | 88.4         | 87.0         | 87.0         | 87.0         | 87.0      | 87.0<br>98.4 | 87.0<br>88.4 | 87.0<br>88.4 | 88.4         | 88.4         | 87.0           | 87.0         |
| ≥ 3500<br>≥ 3000        | 1.1          | 90.3         | 90.4         | 90.5         | 90.6         | 90.6         | 90.7         | 89.6<br>90.7 | 90.7      | 89.6<br>90.7 | 89.6<br>90.7 | 89.6<br>90.7 | 90.7         | 89.6<br>90.7 | 90.7           | 90.7         |
| ≥ 2500<br>≥ 2000        | 20.4         | 95.3         | 92.4         | 92.5         | 96.7         | 96.7         | 92.7         | 96.8         | 92.7      | 96.8         | 96.8         | 92.7         | 92.7         | 92.7         | 92.7           | 92.7         |
| ≥ 1800<br>≥ 1500        | 27.3<br>27.9 | 98.2         | 98.7         | 97.8         | 96.9         | 98.0         | 99.0         | 99.0         | 98.0      | 99.0         | 99.1         | 99.1         | 98.1         | 98.1         | 98.1           | 98.1         |
| ≥ 1200<br>≥ 1000        | 88.1<br>88.1 | 98.4         | 96.9         | 98.9         | 99.4         | 99.4         | 99.5         | 99.4         | 99.5      | 99.5         | 99.6         | 99.4         | 99.4         | 99.4         | 99.4           | 99.4         |
| ≥ 900<br>≥ 800<br>≥ 700 | 88.1         | 98.4         | 98.9         | 99.2         | 99.4         | 99.4         | 99.6         | 99.6         | 99.6      | 99,6         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7           | 99.7         |
| ≥ 600                   | 8.1          | 98.4         | 98.9         | 99,2         | 99.4         | 99.4         | 99.6         | 99.6         | 99.6      | 99.6         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7           | 99.7         |
| ≥ 500<br>≥ 400<br>≥ 300 | 58.1         | 98.4         | 98.9         | 99.2         | 99.5         | 99.5         | 99.6         | 99.6         | 99.6      | 99.8         | 99,9         | 99,9         | 100.0        | 100.0        | 100.0<br>100.0 | 100.0        |
| ≥ 200                   | 88.1         | 98.4         | 98.9         | 99,2         | 99.5         | 99.5         | 99.6         | 99.6         | 99.6      | 99,8         | 99.9         | 99,9         | 100.0        | 100.0        | 100.0          | 100.0        |
| ≥ 0                     | 88.1         | 98.4         | 98.9         | 99.2         | 99.5         | 99.5         | 99.6         | 99,6         | 99.0      | 99,8         | 99,9         | 99,9         | 100.0        | 100.0        |                | 100.0        |

DATA PRHICESSING BRANCH USAF ETAC AIR REATHER SERVICE/MAC

### **CEILING VERSUS VISIBILITY**

JUHNSTON ISLAND PACIFIC IS.

49-72

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0500

| CEILING               |              |              |              |              |              |              | VIS          | BILITY (ST   | ATUTE MIL    | .ES)          |              |              |                |              |              |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|----------------|--------------|--------------|--------------|
| (FEET)                | ≥10          | ≥6           | ≥5           | ≥4           | ≥3           | ≥2½          | ≥2           | ≥1½          | ≥1¼          | ≥1            | ≥ ¾          | ≥ 3/8        | ≥%             | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000 | 51.2<br>60.4 | 56.4<br>66.8 | 50.4<br>66.8 | 56.4<br>66.8 | 56.4<br>66.8 | 56.4<br>66.8 | 56.4<br>66.8 | 56,4<br>66,8 | 56.4<br>66.8 | 56.4<br>66.8  | 56.4<br>66.8 | 56.4<br>66.3 | 56.4<br>66.8   | 56.4<br>66.8 | 56.4<br>66.8 | 56,4<br>66.8 |
| ≥ 18000<br>≥ 16000    | 60.5         | 66.9         | 50.9<br>57.8 | 66.9         | 66.9         | 66.9<br>67.8 | 67.8         | 66.9         | 66.9         | 66.9          | 66.9         | 66.9         | 66.9           | 66.9         | 66.9         | 66.9         |
| ≥ 14000<br>≥ 12000    | 64.5         | 71.2         | 71.2         | 71.2         | 71.2         | 71.2         | 71.2         | 71.2         | 71.2         | 71.2          | 71.2         | 71.2         | 71.2           | 71.2         | 71.2         | 71.2         |
| ≥ 10000<br>≥ 9000     | 71.9         | 79.2         | 79.2<br>80.2 | 79.2         | 79.2         | 79.2         | 79,2         | 79.2         | 79.2         | 79.2          | 79.2         | 79.2<br>80.2 | 79.2           | 79.2         | 79.2         | 79.2         |
| ≥ 8000<br>≥ 7000      | 74.4         | 81.7         | 81.8         | 81.8         | 81.8         | 81.8         | 81.8         | 81.9         | 81.9         | 81.9          | 81.9         | 81.9         | 81.9           | 81.9         | R1.9         |              |
| ≥ 6000<br>≥ 5000      | 75.5         | 83.0         | 83.1         | 83.2         | 83.2         | 83.2         | 83.2         | 85.3         | 83.2         |               | 83.2<br>85.3 | 83.2         | 83.2           | 83.2         | 83.2         | 83.7         |
| ≥ 4500<br>≥ 4000      | 78.9         | 86.2<br>67.2 | 86.4         | 86.5         | 86.5         | 86.5         | 86.5<br>87.7 | 86.6<br>87.8 | 86.6         | 86.6<br>87.8  | 86.6         | 86.6         | 86.6           | 86.6         |              | 86.6         |
| ≥ 3500<br>≥ 3000      | 79.9         | 88.6         | 89.0         | 89.1         | 89.1         | 89.1         | 89.1         | 89.2         | 89.2         | 89.2          | 89.2         | 89.2         | 99.2           | 90.0         | 89.2         | 89.2         |
| ≥ 2500<br>≥ 2000      | ~2.5<br>~5.8 | 91.5         | 91.9         | 91.9         | 91.9         | 91.9         | 91.9         | 92.1         | 92.1         | 92.1          | 92.1         | 92.1         | 92.1           | 92.1         | 92.1         | 92.1         |
| ≥ 1800<br>≥ 1500      | 65.7         | 96.8         | 97.3         | 97.6         | 97.8         | 97.8         | 97.8         | 98.0         | 98.0         | 98.0          | 98.0<br>99.1 | 98.0         | 98.0           | 98.0         | 98.0         |              |
| ≥ 1200<br>≥ 1000      | 67.4         | 97.8         | 98.5         | 98.7         | 95.9         | 98.9         | 99.1         | 99.3         | 99.3         | 99.3          | 99.3         | 99.3         | 99.3           | 99.3         | 99.3         | 99.3         |
| ≥ 900<br>≥ 800        | 47.4         | 97.8<br>97.8 | 98.7<br>98.7 | 99.0         | 99.5         | 99.5         | 99.6         | 99.9         | 99.9         | 99.9<br>100.0 | 99.9         | 99.9         | 99.9           | 99.9         | 99.9         | 99.9         |
| ≥ 700<br>≥ 600        | 47.4         | 97.8         | 98.7         | 99.0         | 99.6         | 99.6         | 99.8         | 100.0        | 100.0        | 100.0         | 100.0        | 100.0        | 100.0          | 100.0        | 100.0        | 100.0        |
| ≥ 500<br>≥ 400        | 57.4         | 97.8         | 98.7         | 99.0         | 99.6         | 99.6         | 99.8         | 100.0        | 100.0        | 100.0         | 100.0        | 100.0        | 100.0          | 100.0        | 100.0        | 100.0        |
| ≥ 300<br>≥ 200        | 87.4         | 97.8         | 98.7         | 99.0         | 99.6         | 99.6         | 99.8         | 100.0        | 100.0        | 100.0         | 100.0        | 100.0        | 100.0          | 100.0        | 100.0        | 100.0        |
| ≥ 100<br>≥ 0          | 37.4<br>87.4 | 97.8<br>97.8 | 98.7         | 99.0         | 99.6         | 99.5         | 99.8         |              | 100.0        | 100.0         | 100.0        | 100.0        | 100.0<br>100.0 | 100.0        |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC  $^{\text{FORM}}_{\mathrm{DR.64}}$  0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRECESSING GRANCH USAF ETAL ATR EAT 'ES SERVICE! THE

# CEILING VERSUS VISIBILITY

Z 16.3

JUNNST W ISLAND PACIFIC IS

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

| CEILING                 |              | _                    |              |              |              |      | VIS  | SIBILITY (ST. | ATUTE MIL | ES)          |              |              |              |              |              |              |
|-------------------------|--------------|----------------------|--------------|--------------|--------------|------|------|---------------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (FEET)                  | ≥10          | ≥6                   | ≥5           | ≥4           | ≥3           | ≥2⅓  | ≥ 2  | ≥1½           | ≥1¼       | ≥1           | ≥ 3⁄4        | ≥ 3/8        | ≥ %          | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000   | 41.4<br>57.6 | 45.0                 | 45.0<br>62.5 | 45.0<br>62.5 |              | 45.0 | 45.0 | 45.0          | 45.0      | 45.0<br>62.5 |              | 45.0<br>62.5 | 45.0<br>62.5 | 45.0<br>62.5 | 45.0         | 45.0<br>62.5 |
| ≥ 18000<br>≥ 16000      | 58.0         | 63.6                 | 62.8<br>63.6 |              |              | 63.6 | 63.6 | 62.8          | 62.8      | 62.8         | 63.6         | 62.H         | 62.8         | 62.8<br>63.6 | 63.6         | 62.8<br>63.6 |
| ≥ 14000<br>≥ 12000      | 61.6         | 70.1                 | 70.1         | 70.1         | 70.1         | 70.1 | 70.1 | 70.1          | 70.1      | 70.1         | 66.6<br>70.1 | 70.1         | 70.1         | 70.1         | 66.6<br>70.1 | 70.1         |
| ≥ 10000<br>≥ 9000       | 59.4<br>71.0 | 75.2<br>77.1         | 75.3<br>77.1 | 75.3<br>77.1 | 75.3<br>77.1 | 75.3 | 75.3 | 75.3<br>77.1  | 75.3      | 75.3<br>77.1 | 75.3<br>77.1 | 75.3<br>77.1 | 75.3<br>77.1 | 75.3         | 75.3<br>77.1 | 75.3<br>77.1 |
| ≥ 8000<br>≥ 7000        | 73.4         | 79.5                 | 79.6         | 81.1         | 79.6         | 79.6 | 79.6 | 79.6          | 79.6      | 79.6         | 81.1         | 79.6         | 81.1         | 81.1         | 81.1         | 81.1         |
| ≥ 6000<br>≥ 5000        | 76.0         | 82.2                 | 82.3         | 82.3         | 85.3         | 85.3 | 85.3 | 82.3          | 82.3      | 82.3         | 82.3         | 82.3         | 82.3         | 82.3         | 82.3         | 85.3         |
| ≥ 4500<br>≥ 4000        | 79.7         | 86.3                 | 86.5         | 86.5         | 86.5         | 86.5 | 87.9 | 86.5          | 86.5      | 86.5         | 86.5         | 86.5         | 86.5         | 87.9         | 86.5<br>87.9 | 86.5         |
| ≥ 3500<br>≥ 3000        | P1.2         | 87,3                 | 89.6         | 88.3         | 89.6         | 89.6 | 89.6 | 85.3          | 88.3      | 89.6         | 88.3         | 88.3         | 89.6         | 89.6         | 89.6         | 88.3         |
| ≥ 2500<br>≥ 2000        | 64.7         | 91.7                 | 91.9         | 95.8         | 91.9         | 95.9 | 95.9 | 91.9          | 91.9      | 95.9         | 91.9         | 95.9         | 91.9         | 91,9         | 91.9         | 91.9         |
| ≥ 1800<br>≥ 1500        | 91.0         | 97.3                 | 97.6<br>99.2 | 99,2         |              | 97.7 | 99.4 | 99.4          | 99.4      | 99.4         | 99.4         | 99.4         | 99.4         | 99.4         | 99.4         | 97.8<br>99.4 |
| ≥ 1200 ≥ 1000           | 91.0<br>91.0 | 98.9<br>98.9<br>98.9 | 99.3         | 99.3         | 99.5         | 99.5 | 99.6 | 99.6          | 99.6      | 99.6         | 99.7         | 99.6         | 99.7         | 99.7         | 99.7         | 99.6         |
| ≥ 900<br>≥ 800          | 91.0         | 98.9                 | 99.4         | 99.4         | 99.6         | 99.6 | 99.7 | 99.7          | 99.7      | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99,9         |
| ≥ 700<br>≥ 600<br>≥ 500 | 91.0         | 98.9                 | 99.4         | 99.4         | 99.5         | 99.6 | 99.7 | 99.7          | 99.7      | 99.8         | 99,9         | 99.9         | 99.9         | 99,9         | 99.9         | 99.9         |
| ≥ 500<br>≥ 400<br>≥ 300 | 91.0         | 91,9                 | 99.4         | 99.4         | 99.6         | 99.6 | 99.7 | 99.7          | 99.7      | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 200                   | 91.0         | 98.9                 | 99.4         | 99.4         | 99.6         | 99.6 | 99.7 | 99.7          | 99.7      | 99.8         |              | 99.9         | 100.0        | 100.0        |              | 100.0        |
| ≥ 100<br>≥ 0            | 91.0         |                      | 99.4         | 99,4         | 99.6         | 99.6 | 99.7 | 7 7 7 .       | 99.7      | 99.8         |              |              |              | 100.0        |              |              |

1426

CATA PROCESSING SHANCH USAF ETAC AIR REATHER SERVICEZOAC

# CEILING VERSUS VISIBILITY

21603

JUMNSTON ISLANDIFACIFIC IS

49=72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING                    |              |              |              |              |                      |              | VISI                 | BILITY (STA          | TUTE MILE    | ES)          |              |                      |              |              |              |              |
|----------------------------|--------------|--------------|--------------|--------------|----------------------|--------------|----------------------|----------------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|
| (FEET)                     | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥ 3                  | ≥2%          | ≥2                   | ≥1%                  | ≥11/4        | ≥1           | ≥ ¾          | ≥%                   | ≥%           | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 46.1         | 70.0         | 50.0<br>70.0 | 50.0<br>70.0 | 50.0<br>70.0         | 50.0<br>70.0 | 50.0<br>70.0         | 50.0<br>70.0         | 50.0<br>70.0 | 30.0         | 50.0<br>70.0 | 50.0<br>70.0         | 50.0<br>70.0 | 50.0<br>70.0 | 50.0<br>70.0 | 50.0         |
| ≥ 18000<br>≥ 16000         | 25.2         | 70.5         | 70.5         | 70.5         | 70.5                 | 70.5         | 70.5                 | 70.5                 | 70.5         | 70.5         | 70.5         | 70.5                 | 70.5         | 70.5<br>72.0 | 7C.5         | 70.5         |
| ≥ 14000<br>≥ 12000         | 72.9         | 74.7         | 74.7<br>78.6 | 74.7         | 74.7                 | 74.7         | 74.7                 | 74.7                 | 74.7<br>78.6 | 74.7<br>78.6 | 74.7<br>78.6 | 74.7                 | 74.7<br>78.6 | 74.7<br>78.6 | 74.7         | 74.7<br>78.6 |
| ≥ 10000<br>≥ 9000          | 76.6         | 82.4<br>54.1 | 84.3         | 84.3         | 82.5                 | 82.6<br>84.3 | 84.3                 | 82.6                 | 82.6<br>84.3 | 82.6         | 82.6         | 82.6                 | 62.6<br>84.3 | 82.6<br>84.3 | 84.3         | 82.6<br>84.3 |
| ≥ 8000<br>≥ 7000           | 90.3<br>61.3 | 86.2         | 87.4         | 86.4         | 86.4                 | 87.4         | 86.4                 | 87.4                 | 87.4         | 86.4         | 87.4         | 86.4                 | 87.4         | 87.4         | 87.4         | 86.4<br>87.4 |
| ≥ 6000<br>≥ 5000           | 2.1          | 90.0         | 90.2         | 90.2         | 90.4                 | 90.4         | 90.4                 | 88.3<br>90.4         | 86.3         | 90.4         | 90.4         | 90.4                 | 90.4         | 88.3<br>90.4 | 90.4         | 90.4         |
| ≥ 4500<br>≥ 4000           | 4.4          | 91.3         | 91.0         | 91.0         | 91.6                 | 91.6         | 91.1                 |                      | 91.6         | 91.1         | 91.6         | 91.1                 | 91.1         | 91.1         | 91.0         | 91.1         |
| ≥ 3500<br>≥ 3000           | 5.0          | 92.2         | 91.9         | 91.9         | 92.6                 | 92.0         | 92.1                 | 92.6                 | 92.1         | 92.5         | 92.5         | 92.6                 | 92.6         | 92.1         | 92.6         | 92.6         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 9.2<br>90.4  | 93.3         | 93.5         | 95.7<br>98.0 | 93.7<br>96.9<br>98.3 | 93.7         | 93.7<br>97.0<br>98.5 | 93.7<br>97.0<br>98.5 | 93.7         | 93.7<br>97.1 | 93.7         | 93.7<br>97.1<br>98.5 | 93.7         | 93.7         | 93.7         | 97.2         |
| ≥ 1500                     | 90.9         | 98.5         | 98.7         | 98.7         | 98.9                 | 98.9         | 99.1                 | 99.1                 | 99.1         | 99.2         | 99.2         | 99.5                 | 99.2         | 99.2         | 99.2         | 99.2         |
| ≥ 1000<br>≥ 900            | 91.0         | 98.9         | 99,2         | 99.2         | 99.5                 | 99.5         | 99.6                 | 99.7                 | 99.7         | 99.8         | 99.8         | 99.8                 | 99.8         | 99.6         | 99.9         | 99.9         |
| ≥ 800<br>≥ 700             | 91.0         | 98.9         | 99.2         | 99.2         | 99.5                 | 99.5         | 99.6                 | 99.7                 | 99.7         | 99.8         | 99.8         | 99.9                 | 99.8         | 99.8         | 99.9         | 99.9         |
| ≥ 600<br>≥ 500             | 91.0         | 98.9         | 99.2         | 99.2         | 99.5                 | 99.5         | 99.7                 | 99.8                 | 99.8         | 99.9         | 99.9         | 99,9                 | 99.9         | 99,9         | 99.9         | 99.9         |
| ≥ 400<br>≥ 300             | 91.0         | 98.9         | 99.2         | 99.2         | 99.5                 | 99.5         | 99.7                 | 99.8                 | 99.8         | 99.9         | 99.9         | 99.9                 | 99.9         | 99,9         |              | 99.9         |
| ≥ 200                      | 91.0         | 98,9         | 99.2         | 99.2         | 99.5                 | 99.5         | 99.7                 | 99.8                 | 99.8         | 99.9         | 99.9         |                      | 99.9         | 99,9         | 100.0        | 100.0        |
| ≥ 0                        | 91.0         | 99.9         | 94.2         | 99,2         | 99.5                 | 99.5         | 99.7                 | 99.8                 | 99.8         | 99.9         | 99.9         | 99.9                 | 99,9         | 99,9         | 100 · c      | 100.0        |

JSAF ETAL AIR BATHER SERVICET AC ELE. JEB BIST N ISLA W/PACIFIC 15

DATA PROCESSING PRANCH

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

49-72

1200-1400

| CEILING                    |              |              |              |              |              |      | VIS          | IBILITY (STA | ATUTE MIL    | ES)          |       |                      |              |                         |              |              |
|----------------------------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------------|-------|----------------------|--------------|-------------------------|--------------|--------------|
| FEET)                      | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2'7 | ≥ 2          | ≥11/2        | ≥1¼          | ≥1           | ≥ 1/4 | ≥ %                  | ≥ ⅓          | ≥ 5/16                  | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 46.0         | 9.0          | 50.2<br>68.7 |              |              | - 1  | 50.2         | 50.2<br>68.7 | 90.2         | 50.2         |       | 50.2                 | 90.2<br>68.7 |                         | 56.2<br>68.7 | 50.2<br>68.7 |
| ≥ 18000<br>≥ 16000         | 53.7<br>64.9 | 70.3         | 70.3         | 70.3         | 69.0         | 70.3 | 69.0<br>70.3 | 70.3         | 70.3         | 70.3         | 69.0  | 70.3                 | 69.0<br>70.3 | 69.0<br>70.3            | 69.0         | 70.3         |
| ≥ 14000<br>≥ 12000         | 58.0<br>72.3 | 78.3         |              | 73.4<br>78.3 |              | 78.3 | 78.4         | 73.4         | 73.4         | 73.4<br>78.3 | 73.4  | 73.4<br>78.3         | 73.4         | 73.4                    |              | 73.4         |
| ≥ 10000<br>≥ 9000          | 78.5         | 84.5         |              | 84.6         | 84.6         | 82.6 | 84.6         | 82.6         | 82.6         | 82.6         | 84.6  | 82.6                 | 84.6         | 84.6                    | 84.6         | 84.6         |
| ≥ 8000<br>≥ 7000           | 30.2         | 85.4         | 86.5         | 86.5         | 86.5         | 85.8 | 86.5         | 85.8         | 85.8         | 86,5         | 86.5  | 85.8<br>86.5         | 85.8         |                         | 86.5         | 86.5         |
| ≥ 6000<br>≥ 5000<br>≥ 4500 | 20.7         | 87.1<br>89.2 | 87.2         |              | 89.3         |      | 87.2         | 87,2         | 87.2         | 87.2         |       | 87.2                 | 87.2         |                         | 89,3         |              |
| ≥ 4000<br>≥ 3500           | 63.7         | 90.3         | 90.0         |              | 90.6         | 90.0 | 90.0         | 90.0         | 90.0         |              |       |                      | 90.6         | - 1                     | 90.6         | 90.6         |
| ≥ 3000                     | 4,5          | 91.4         | 91.7         | 91.7         | 91.7         | 91.7 | 91.7         | 91.7         | 91.7         | 91.7         | 91.7  | 91.7                 | 91.7         | 91.7                    | 91.7         | 91.7         |
| ≥ 2000                     | 90.0         | 97.1         | 97.5         | 97.5         | 97.5         | 97.5 | 97.5         | 97.5         | 97.5         | 97.5         | 97.5  | 97.5                 | 97.5         | 97,5                    | 97.5         | 97,5         |
| ≥ 1500                     | 91.4         | 98.7         | 99.2         | 99.2         | 99.2         | 99.3 | 99.2         | 99.4         | 99.4         | 99.4         | 99.4  | 99.4                 | 99.4         | 99.4                    | 99.4         |              |
| ≥ 1000                     | 91.4         | 98.7         | 99.3         | 99.3         | 99.3         | 99.3 | 99.3         | 99.4         | 99.5         | 99,6         | 99.6  | 99.6                 |              |                         |              | 2.2          |
| ≥ 800<br>≥ 700             | 91.4         | 98.8         | 99.4         | 99.4         | 99.4         | 99.4 | 99.4         | 99,6         | 99.6         | 99.7         | 99.7  | 99.7                 | 99.8         | 99.7<br>99.8            |              |              |
| ≥ 500                      | 31.4         | 96.8         | 99.4         | 99.4         | 99.4         | 99.4 | 99.5         | 99.6         | 99.7         | 99.8         | 99.8  | 99,8                 | 99.9         |                         |              | 100.0        |
| ≥ 400<br>≥ 300<br>≥ 200    | 91.4         | 98.8         | 99.4         | 99.4         | 99.5         | 99.5 | 99.6         | 99.7         | 99.8         | 99.9         | 99.9  | 99,9                 | 100.0        | 100.0                   | 100.0        | 100.0        |
| ≥ 100<br>≥ 0               | 91.4<br>91.4 |              | -            | 99.4         | 99.5<br>99.5 | 99.5 | 99.6         | 99.7         | 99.8<br>99.8 | 99,9         | 99.9  | 99.9<br>99.9<br>99.9 | 100.0        | 100.0<br>100.0<br>100.0 | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_\_

SATA PRUTESSIBL "RANCH SAF ETAL AIR FEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

2100

JUHNSTON ISLAND/PACIFIC IS

49=72

- I AY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500=1700 Hours ((5)

| CEILING                    |                              |                      |              |              |              |              | VIS  | IBILITY (STA | ATUTE MIL    | ES)          |              |                      |                      |              |              |              |
|----------------------------|------------------------------|----------------------|--------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------------|----------------------|----------------------|--------------|--------------|--------------|
| FEET                       | ≥10                          | ≥6                   | ≥5           | ≥ 4          | ≥3           | ≥2⅓          | ≥ 2  | ≥1%          | ≥1%          | ≥1           | ≥ 3/4        | ≥ 5%                 | ≥ 1/2                | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 42 <b>.5</b><br>59 <b>.5</b> | 45.6                 | - 1          | 45.6         | 45.6<br>64.0 | 45.6         | 45.6 | 45.6<br>64.0 | 45.6         | 45.6         | 45.6         | 45.6                 | 45.6<br>64.0         | 45.6<br>64.0 | 45.6<br>64.0 | 45.6<br>64.0 |
| ≥ 18000<br>≥ 16000         | 00.4                         | 64,9                 | 65.0<br>66.3 | 65.0         | 65.0         | 65.0<br>66.3 | 66.3 | 65.0         | 65.0         | 65.0         | 65.0         | 65.0                 | 65.0                 | 65.0<br>66.3 | 65.0         | 65.0         |
| ≥ 14000<br>≥ 12000         | 44.2<br>58.7                 | 73.8                 | 59.1<br>73.0 | 69.1<br>73.8 | 69.1<br>73.8 | 69.1<br>73.8 |      | 69.1<br>73.8 | 69.1<br>73.8 | 69.1<br>73.8 | 69.1<br>73.8 | 69.1<br>73.8         | 69.1                 | 69.1<br>73.8 | 69.1<br>73.8 | 69.1<br>73.8 |
| ≥ 10000<br>≥ 9000          | 73.4<br>75.2                 | 78.5<br>80.4         | 78.5<br>80.5 | 78.5<br>80.5 | 78.5<br>90.5 | 78.5         | 78.5 | 78.5         | 78.5         | 78.5<br>80.5 | 78.5<br>80.5 | 78.3                 | 78.5<br>80.5         | 78.5<br>80.5 | 76.5         | 78.5         |
| ≥ 8000<br>≥ 7000           | 77.3                         | 83.5                 | 83.5         | 82.7         | 82.7<br>53.5 | 82.7         | 82.7 | 83.5         | 82.7         | 82.7         | 82.7         | 82.7<br>83.5         |                      | 82.7         | 82.7<br>83.5 | 82.7         |
| ≥ 6000<br>≥ 5000           | 78.5                         | 84.3                 | 87.0         | 84.4         | 84.4         | 84.4         | 84.4 | 84.4         | 84.4         | 84.4         | 84,4         | 84.4                 |                      | 84.4         | 87.0         | 84.4         |
| ≥ 4500<br>≥ 4000           | 1.3                          | 87.2                 | 87.3         | 87.3         | 87.3         | 87.3         | 88.8 | 88.8         | 87.3         | 87.3         | 87.3<br>88.8 | 87.3                 | 87.3                 | 88.8         | 87.3         | 87.3<br>88.8 |
| ≥ 3500<br>≥ 3000           | 33.8<br>33.8                 | 89.9                 | 90.1         | 89.4<br>90.2 | 90.2         | 90.2         | 90.2 | 90.2         | 90.2         | 90.2         | 90.2         | 89.4<br>90.2         | 89.4<br>90.2         | 90.2         | 90.2         | 90.2         |
| ≥ 2500<br>≥ 2000           | 65.8<br>29.1                 | 92.0                 | 92.2         | 92.3         | 92.3         | 92.3         | 96.4 | 92,3         | 92.3         | 92.3         | 92.3         | 96.4                 | 92.3                 | 92.3         | 92.3         | 92.3         |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 90.1<br>91.0                 | 97.3<br>98.4<br>98.5 | 97.8<br>98.6 | 97.8<br>98.9 | 97.9<br>99.2 | 97.9         | 97.9 | 99.4         | 99.4         | 96.0<br>99.4 | 98.0         | 98.0<br>99.4<br>99.6 | 98.0<br>99.4<br>99.6 | 98.0<br>99.4 | 96.0<br>99.4 | 98.0<br>99.4 |
| ≥ 1000                     | %1.0<br>%1.0                 | 95.6                 | 99.0         | 99.1         | 99.4         | 99.4         | 99.5 | 99.6         | 99.6         | 99.6         | 99.6         | 99.7                 | 99.8                 | 99.8         | 99.8         | 99.8         |
| ≥ 800                      | 91.0                         | 98.6                 | 99.0         | 99.2         | 99.5         | 99.5         | 99.6 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9                 | 99.9                 | 99.9         | 99.9         | 99.9         |
| ≥ 600                      | 91.0                         | 98.6                 | 99.0         | 99.2         | 99.5         | 99.5         | 99.6 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9                 | 99.9                 | 99.9         | 99.9         | 99.9         |
| ≥ 400                      | 91.0                         | 98.6                 | 99.0         | 99.2         | 99.5         | 99.5         | 99.6 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9                 | 99.9                 | 99.9         | 99.9         | 99.9         |
| ≥ 200                      | 91.0                         | 98.6                 | 99.0         | 99.2         | 99.5         | 99.5         | 99.6 | 99.8         | 99.8         | 99.8         | 99.9         | 99.9                 | 100.0                | 100.C        | 100.0        | 100.0        |
| ≥ 0                        | 91.0                         | 95.6                 | 99.0         | 99.2         | 99.5         | 99.5         | 99.6 | 99.8         | 99.8         | 99.8         | 99.9         | 99,9                 | 100.0                | 100.0        | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

TATA PROKESSINE KRADOTE JSAF ETAL AIR EAT (ET SERVICE) OC

URINISTIA ISLAMINA ACIFIC IS

PLEUS

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

49=74

- LY 1500-2000

| CEILING                    |                      |              |                      |                                       |      |              | VIS          | BILITY (STA          | ATUTE MILI   | ES:          |                      |                      |                |                         |              |                |
|----------------------------|----------------------|--------------|----------------------|---------------------------------------|------|--------------|--------------|----------------------|--------------|--------------|----------------------|----------------------|----------------|-------------------------|--------------|----------------|
| FEET                       | ≥10                  | ≥6           | ≥5                   | ≥ 4                                   | ≥3   | ≥2¹7         | ≥ 2          | ≥1%                  | ≥1%          | ≥ı           | ≥ ½                  | ≥ 5/8                | ≥ 1/3          | ≥ 5∞16                  | ≥ ¼          | ≥0             |
| NO CEILING<br>≥ 20000      | 43.0<br>09.0         | 47.7         | 47.7<br>64.1         | 47.7<br>64.1                          | 47.7 | 47.7         | 64.1         | 47.7<br>64.1         | 47.7         | 47.7         | 47.7                 | 47.7                 | 47.7<br>64.1   | 47.7                    | 47.7         | 47.7           |
| ≥ 18000<br>≥ 16000         | 59.7                 | 66.4         | 64.9                 | 64.9<br>66.4                          | 64.9 | 64.7         | 66.4         | 66.4                 | 66.4         | 64.9         | 64.9                 | 64.7                 | 64.9           | 66.4                    | 64.9         | 64.9           |
| ≥ 14000<br>≥ 12000         | 68.1                 | 74.0         | 74.0                 | 69.6<br>74.0                          | 74.0 | 74.0         | 74.0         | 74.0                 | 69.6         | 69.6<br>74.0 | 69.6<br>74.0         | 74.0                 | 74.1           | 74.1                    | 69.6<br>74.1 | 74.1           |
| ≥ 10000<br>≥ 9000          | 72.1                 | 78.1<br>79.5 | 70.1                 | 78.1<br>79.5                          | 78.1 | 79.5         | 78.1         | 79.5                 | 78.1         | 76.1<br>79.5 | 78.1<br>79.5         | 79.1                 | 78.2           |                         | 78.2<br>79.5 | 78.2<br>79.5   |
| ≥ 8000<br>≥ 7000           | 75.7                 | 81.9         | 83.1                 | 83.1                                  | 81.9 | 83.1         | 81.9         | 81.9                 | 81.9         | 81.9         | 63.1                 | 81.9                 | #2.0<br>#3.2   | 83.2                    | 93.2         | 83.2           |
| ≥ 6000<br>≥ 5000           | 77.9                 | 84.2         | 84.2                 | 86.3                                  |      | 84.2         | 86.3         | 86.3                 | 84.2         | 80.3         | 84.2                 | 84.2                 | 86.4           | 86.4                    |              | 86.4           |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 10.2<br>21.0<br>11.6 | 86.7<br>87.7 | 96.7<br>27.7<br>88.5 | 86.7<br>87.7                          | 57.7 | 86.7<br>87.7 | 86.7<br>88.5 | 86.7<br>87.7<br>88.5 | 86.7<br>87.7 | 87.7         | 86.7<br>87.7<br>88.5 | 86.7<br>87.7<br>88.5 | 86.8           | 67.7                    | P7.7         | 87.7           |
| ≥ 3000                     | -2 9                 | 89.7         | 91.8                 | 59.7                                  | 89.8 | 89.8         | 69.8         | 89.a                 | 89.8         | 89.8         | 89.8                 | 89.8                 | 89.8           | 89.8                    |              | 89.8           |
| ≥ 2000                     | 0 . n                | 95.9         | 96.1<br>93.1         | 96.1<br>98.1                          | 96.1 | 96.1         | 96.1<br>98.2 | 96.1                 | 96.1<br>98.2 | 96.1         | 96.1                 | 96.1                 | 96.2           | 96.2                    | 98.2         | 96.2           |
| ≥ 1500<br>≥ 1200           | 90.9                 | 97.9         | 99.2                 | 99.2                                  | 99.2 | 99.2         | 99.2         | 99.2                 | 99.2         | 99,2         | 99.4                 | 99.2                 | 99.3           | 99.3                    | 99.5         | 99,3           |
| ≥ 1000                     | 90.9                 | 99.1         | 99.4                 |                                       | 99.0 | 99.6         | 99.7         | 99.5                 | 99.6         | 99.6         | 99.7                 | 99.6                 |                |                         | 99.7         | 99.7           |
| ≥ 700                      | 90.9                 | 99.2         | 99.4                 | 99.4                                  | 99.8 | 99.8         | 99.8         | 99,8                 | 99.8         | 99,8         | 99.8                 | 99.8                 |                | 99,9                    | 99.9         | 99.9<br>100.0  |
| ≥ 600<br>≥ 500<br>≥ 400    | 90.9                 | 99.2         | 99.4                 | • • • • • • • • • • • • • • • • • • • | 99.8 | 99.8         | 99.8         | 99.8                 | 99.8         | 99.8         |                      | 99.8                 | 100.0          | 100.0                   | 100.0        | 100.0          |
| ≥ 300<br>≥ 200             | 90.9                 | 99.2         | 99.4                 | 99.4<br>99.4                          | 99.8 | 99.8<br>99.8 | 99.8<br>99.8 | 99.8<br>99.8         | 99.8<br>99.8 | 99.8<br>99.8 | 99.8                 | 99.8<br>99.8         | 100.0<br>100.0 | 100.0<br>100.0<br>100.0 | 100.0        | 100.0<br>100.0 |
| ≥ 100<br>≥ 0               | 70.9                 | 99.7         | 79.4                 | 99.4                                  | 99.4 | 99.8         | 99.8         | 99.8                 | 99.8<br>99.8 | 99.8         |                      | 99.8                 | 100.0          | 100.0                   | 100.0        | 100.0          |

TOTAL NUMBER OF OBSERVATIONS

PATA PROCESSING PRANCE AIR EATHER ERVICEZHAC

### CEILING VERSUS VISIBILITY

General T In ISLA LAND FACIFIC IS

49=72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                    |              |              |                      |              |              |                      | VIS                  | BILITY ST    | ATUTE MILI   | ES           |              |              |              |              | -            |              |
|----------------------------|--------------|--------------|----------------------|--------------|--------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                       | ≥10          | ≥6           | ≥5                   | ≥ 4          | ≥ 3          | ≥2'2                 | ≥ 2                  | ≥152         | ≥1'4         | ≥1           | ≥ 34         | ≥ >8         | ≥ 5          | ≥ 5/16       | ≥%           | ≥0           |
| NO CEILING<br>≥ 20000      | 16.1         | 57.2<br>62.9 | 37.2                 | 69.9         | 57.2<br>68.9 | 57.2<br>68.9         | 57.2                 | 37.2<br>68.9 | 57.2<br>68.9 | 57.7<br>69.9 |              |              |              | •            |              | 57.2<br>68.9 |
| ≥ 18000<br>≥ 16000         | 62.0         | 69.3<br>70.4 | 59.3                 | 70.4         | 69.3<br>70.4 | 75.4                 | 70.4                 | 69.3         | 69.3<br>70.4 | 69.3<br>70.4 | 69.3<br>70.4 | 69.2<br>70.4 | 67.3         | 69.3<br>70.4 | 69.3<br>70.4 | 69.3<br>70.4 |
| ≥ 14000<br>≥ 12000         | 67.3<br>70.7 | 74.3<br>77.6 | 74.3                 | 74.3         | 74.3         | 74.3                 | 74.3                 | 74.3<br>77.6 | 74.3         | 74.3<br>77.8 | 74.3         | 74.3         | 74.3<br>77.8 | 74.3<br>77.8 | 74.3<br>77.6 | 74.3<br>77.8 |
| ≥ 10000<br>≥ 9000          | 74.4         | 81.8<br>53.4 | 61.8<br>63.4         | 61.8<br>53.4 | 33.4         | 61.8                 | 81.8<br>51.4         | 81.8<br>83.4 | 81.8<br>83.4 | 81.8<br>83.4 | 81.8<br>83.4 | 83.4         | 81.8<br>63.4 | 83.4         | 33.4         | 81.8<br>83.4 |
| ≥ 8000<br>≥ 7000           | 77.6         | 85.1<br>86.2 | 80.2                 | 85.1<br>86.2 | 85.1<br>86.2 | 85.1<br>86.2         | 85.1                 | 85,1         | 85.1<br>86.2 | 85.1<br>86.2 | 85.1<br>86.2 | 85.1<br>86.2 | 85.1         | 85.1         | 85.1         | 85.1<br>86.2 |
| ≥ 6000<br>≥ 5000           | 79.0         | 88.0         | 88.0                 | 86.7         | 88.0         | 86.7                 | 86.7                 | 86.7<br>88.0 | 86.7<br>88.0 | 86.7<br>86.0 | 86.7         | 86.7         | 86.7         |              |              | 88.0         |
| ≥ 4500<br>≥ 4000           | ٥٠٥<br>زور:  | 84.7         | 88.7                 | 88.7         | 88.7         | 88.7                 | 88.7                 | 88.7         | 88.7         | 88.7         | 88.7         | 88.7         | 88.7         | 88.7<br>89.8 | 88.7<br>89.8 | 89.8         |
| ≥ 3500<br>≥ 3000           | 3.5          | 91.9         | 91.4                 | 91.1         | 91.9         | 91.1                 | 91.1                 | 91.1         | 91.1         | 91.9         | 91.1         | 91.1<br>91.9 | 91.1         | 91.1         | 51.1<br>61.1 | 91.1         |
| ≥ 2500<br>≥ 2000<br>> 1800 | 7.4          | 93.1<br>95.5 | 93.1<br>90.6<br>98.3 |              | 96.6         | 93.1<br>96.6<br>98.3 | 96.6                 | 93.1         | 93.1         | 93.1<br>96.6 | 93.1         | 93.1         | 93.1<br>96.6 | 93.1<br>96.6 |              | 93.1         |
| ≥ 1500                     | 9.5          | 98.2         | 99.6                 |              | 98.3<br>99.6 | 99.6                 | 98.3<br>99.6<br>99.8 | 98,3<br>99,6 | 98.3<br>99.6 | 99.6         | 99.6         |              |              |              |              | 98.3<br>99.6 |
| ≥ 1200<br>≥ 1000<br>≥ 900  | 59.8<br>59.8 | 99.5         | 99.9                 | 99.9         |              | 99.9                 | 99.9                 | 99.9         | 99.9         | 99,8         | 99.8<br>99.9 | _ •          |              |              | 99.9         | 99,9         |
| ≥ 800                      | 9.0          | 99.6         | 99.9                 | 99,9         | 99.9         | 99.9                 | 99.9                 | 99.9         | 99.9         |              | 99.9         | 99.9         |              | 99.9         | 99.9         | 99.9         |
| ≥ 600                      | .9.8<br>≥9.8 | 99.6         |                      | 99.9         |              | 99.9                 | 99.9                 | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100 C        |
| ≥ 400<br>≥ 300             | :9.8         | 99.5         | 99.9                 | 99.9         |              | 99.9                 | 99.9                 | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 200                      | 59.8<br>19.8 | 99.6         | 99.9                 | 99,9         | 99.9         | 99.9                 | 99.9                 | 99,9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 0                        | 59.0         | 99.6         | 99.9                 |              |              | 99.9                 | 99.9                 | 99.9         | 99.9         |              | 100.0        | 100.0        | 100.0        | 100.0        |              | 100.0        |

DATA PROCESSION PRANCH STAP ETAL AIR SEAT ER SERVICEVIAC

## CEILING VERSUS VISIBILITY :

LOU.

SECTION ISLAND/PACIFIC IS

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH! 0000-0200

| CEILING                    |                       |                      |                      |              |              |              | VIS          | BILITY (STA  | ATUTE MILI   | E5)          |              |              |                      |              |                      |              |
|----------------------------|-----------------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|----------------------|--------------|
| FEET                       | ≥10                   | ≥6                   | ≥5                   | ≥4           | ≥3           | ≥21⁄2        | ≥ 2          | ≥1′2         | ≥}'4         | ≥1           | ≥ 1,4        | ≥ %          | ≥ '4                 | ≥ 5 16       | ≥ ¼                  | ≥0           |
| NO CEILING<br>≥ 20000      | 43.3<br>(3.3          | 70.4                 |                      |              | 70.4<br>70.8 | 70.4<br>76.8 | 70.4         | 70.4         | 70.4         | 70.4         | 70.4         | 77.4         | 70.4<br>77.0         | 70.4<br>77.0 |                      | 70.4         |
| ≥ 18000<br>≥ 16000         | ∵ö.7<br>∉3.9          | 76.R<br>77.1         | 76.6                 | 77.1         | 77.1         | 77.1         | 77.5         | 77.3         | 77.3         | 77.3         | 77.3         | 77.3         | 77.3                 | 77.3         | 77.3<br>77.3         | 77.3         |
| ≥ 14000<br>≥ 12000         | 69.9                  | 79.2                 | 78.2                 | 78.4         | 76.4         | 70.4         | 78.7         | 78.7         | 78.7         | 78.7<br>80.0 | 78.7         | 78.7         | 78.7                 | 78.7<br>80.0 | 78.7                 | 78.7         |
| ≥ 10000<br>≥ 9000          | 73.7                  | 82.3<br>83.1         | 42.3                 | 82.6<br>63.3 | 82.6         | 82.6<br>83.3 | 82.8<br>53.5 | 82.8<br>83.5 | 82.8         | 82.8<br>83.5 | 82,8<br>83.5 | 82.8         | 82.8                 | 87.8         | 83.5                 | 82.8<br>83.5 |
| ≥ 8000<br>≥ 7000           | 76.4                  | 85.3                 |                      | 86.0         | 85.5         | 85.5<br>86.0 | 85.7         | 85.7         | 85.7         | 85.7<br>86.2 | 85.7<br>86.2 | 85.7         | 85.7<br>86.2         | 85.7<br>86.2 | 95.7<br>86.2         | 85.7         |
| ≥ 6000<br>≥ 5000           | 76.8                  | 85.7                 | 85.7                 | 86.0         | 87.4         | 86.0<br>87.4 | 86.2         | 36.2         | 85.2         | 80.2         | 86.2         | 85.2         | 86.2                 | _            | P7.6                 | 87.6         |
| ≥ 4500<br>≥ 4000           | 78.7                  | 87.9                 | 89.1                 | 88.4         | 88.4         | 88.4         | 89.7         | 88.0         | 88.6         | 89.6         | 88.6         | 88.6         | 88.6                 | 89.7         | 89.7                 | 89.7         |
| ≥ 3500                     | #0.9                  | 90.5                 | 90.0                 | 90.2         | 90.3         | 90.3         | 90.5         | 90.5         | 90.5         | 90.5         | 90.5         | 90.5         | 90.5                 | 91.2         | 91.2                 | 90.5         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 13.4<br>(4.0<br>(4.0) | 93.1<br>96.5<br>97.3 | 93.3<br>95.8<br>97.6 | 97.3<br>98.0 | 93.6         | 97.8         | 98.8         | 93.8<br>98.6 | 93.8<br>98.0 | 93.6<br>98.2 | 93.8<br>98.2 | 93.8<br>98.2 | 93.8<br>98.2<br>99.0 | 98.2         | 93.8<br>98.2<br>99.0 | 93.8<br>98.2 |
| ≥ 1500                     | 26.7                  | 97.7                 | 96.3                 | 98.7         | 99.2         | 99.2         | 99.4         | 99.4         | 99.4         | 99.0         | 99.0         | 99.6         | 99.0                 | 99.6         | 99.0                 | 99.6         |
| ≥ 1000                     | 76.7                  | 97.7                 | 98.3                 | 98.8         | 99.3         | 99.3         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.7                 | 99.7         | 99.7                 | 99.7         |
| ≥ 800                      | 66.7                  | 97.7                 | 98.3                 | 98.8         | 99.3         | 99.3         | 99.5         | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99.7                 | 99.7         | 99.7                 | 99.7         |
| ≥ 600                      | 0.7                   | 97.7                 | 98.4<br>98.4         | 98.8         | 99.3         | 99.3         | 99.6         | 99.6         | 99.6         | 99.8         | 99.8         | 99.8         | 99.8                 | 99.8         | 99.9                 | 99.8         |
| ≥ 400                      | 96.7                  | 97.7                 | 98.4                 | 98.8<br>98.8 | 99.3         | 99.3         | 99.6         | 99.0         | 99.6         | 99.8         | 99.8         | 99.8         | 99.8                 | 99.8         | 99.8                 | 99.A         |
| ≥ 200                      | 46.7                  | 97.7                 | 98.4                 | 98.8<br>98.8 | 99.3         | 99.3         | 99.6         | 99.6         | 99.6         | 99.8         | 99.8         |              | 99.8                 |              | 99.8                 | 99.8         |
| ≥ 0                        | 6.7                   | 97,7                 | 98,4                 | 98 8         | 99,3         | 99.3         | 99.6         | 99.6         | 99.6         | 100.0        | 100.0        | 100.0        | 100.0                | 100.0        | 100.0                | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

21513

# **CEILING VERSUS VISIBILITY**

JUNNSTIN ISLANDIPACIFIC IS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

49-72

5300-0500

| CEILING               |              |              |              |              |           |      | VIS          | BILITY (STA  | ATUTE MILI | ESI            |              |              |       |              |              |              |
|-----------------------|--------------|--------------|--------------|--------------|-----------|------|--------------|--------------|------------|----------------|--------------|--------------|-------|--------------|--------------|--------------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3        | ≥2'7 | ≥2           | ≥1'2         | ≥114       | ≥1             | ≥ 1⁄4        | ≥ ⅓8         | ≥1/3  | ≥5 16        | ≥¼           | ≥0           |
| NO CEILING<br>≥ 20000 | .9.8<br>55.5 | 66.1         | 66.3         |              |           | 66.3 | 66.3         | 66.3         | 66.3       | 66.3           |              | 65.3         | 66.3  | 66.3         | 66.3<br>73.4 | 66.3         |
| ≥ 18000<br>≥ 16000    | 65.8         | 73.3         | 73.4<br>73.5 | 73.6<br>73.7 | 73.6      | 73.6 | 73.8         | 73.8<br>73.9 | 73.8       | 73.8           |              | 73.8         | 73.8  | 73.8         | 73.6         | 73,8<br>73,9 |
| ≥ 14000<br>≥ 12000    | 67.7         | 74.8         | 75.0         | 75.1         | 75.1      | 75.1 | 75.3<br>76.3 | 75.3<br>76.3 | 75.3       | 75.3<br>76.3   | 75.3<br>76.3 | 75.3<br>76.3 | 75.3  | 75.3         | 75.3<br>76.3 | 75.3         |
| ≥ 10000<br>≥ 9000     | 71.2         | 79.3         | 79.5<br>74.9 | 79.6         | . • • • • | 79.6 | 79.8         | 79.8         | 79.8       | 79.8           | - 1          | 79.6         |       |              | 79.8         |              |
| ≥ 8000<br>≥ 7000      | 73.5         | 81.8         | 82.9         | 82.Z<br>83.1 | 82.2      | 82.2 | 83.3         | 82.4         | 82.4       | 82.4           | 82.4         | 82.4         | 82.4  | 82.4         | 82.4<br>83.3 |              |
| ≥ 6000<br>≥ 5000      | 74.7         | 83.1         | 83.2         | 83,4         | 83.4      | 83.4 | 83.6         |              | 83.6       | 83.6           |              | 83.6         |       | 83.6         | 83.6         |              |
| ≥ 4500<br>≥ 4000      | 77.8         | 86.7<br>86.4 | 86.9         | 87.1         | 87.1      | 87.1 | 87.3         | 87.3<br>89.1 | 87.3       | 87.3           |              | 87.3         | 87.3  | 87.3<br>89.1 | 87.3         |              |
| ≥ 3500<br>≥ 3000      | 79.8         | 88.8         | 89.0         | 89.2         | 89.2      | 89.2 | 89.4         | 89.4         | 90.0       | 89.4<br>90.0   | 89.4         | 89.4         | 90.0  | 89.4<br>90.0 | 90.0         | 89.4         |
| ≥ 2500<br>≥ 2000      | 2.9          | 92.0         | 92.3         | 92.5         | 92.5      | 92.5 | 97.3         | 92.7         | 92.7       | 92.7           | 92.7         | 97.5         | 92.7  | 92.7         | 92.7         |              |
| ≥ 1800<br>≥ 1500      | 77.2<br>01.5 | 97.4         | 97.8         | 98.1<br>98.6 | 98.4      | 98.4 | 98.7         | 98.7         | 98.7       | 99.0           | 99.0         | 99.0         | 99.0  | 99.0         | 99.0         | 99.0         |
| ≥ 1200<br>≥ 1000      | 47.5         | 97.9         | 96.3         | 98.6         | 98.9      | 98.9 | 99.2         | 99.2         | 99.3       | 99.6           | 99.6         | 99.6         | 99.6  | 99.6         | 99.6         | 99.6         |
| ≥ 900<br>≥ 800        | 7.5          | 98.0         | 96.3         | 98.8         | 99.1      | 99.1 | 99.3         | 99.3         | 99.4       | 99.8           | 99.8         | 99.8         | 99.8  | 99.8         | 99.8         | 99.8         |
| ≥ 700<br>≥ 600        | 77.5         | 98.0         | 98.3         | 98.8         | 99.1      | 99.1 | 99.3         | 99.3         | 99.4       | 99.8           | 99.8         | 99.8         | 99.8  | 99.8         | 99.8         | 99.8         |
| ≥ 500<br>≥ 400        | 67.5         | 98.0         | 98.3         | 98.8<br>98.8 | 99.1      | 99.1 | 99.3         | 99.3         | 99.4       | 99.8           | 99.8         | 99.8         | 99.8  | 99.8         | 99.8         | 99.8         |
| ≥ 300<br>≥ 200        | 37.5         | 98.0         | 98.3<br>98.3 | 98.8<br>98.8 | 99.1      | 99.1 | 99.3         | 99.3         | 99.4       | 99.8           | 99.8         | 99.8<br>99.8 | 99.8  | 99.8         | 99.8         |              |
| ≥ 100<br>≥ 0          | 67.5         | 98.0         | 98.3         | 98.8<br>98.6 |           | 99.1 | 99.3         | 99.3         | 99.4       | 100.0<br>100.0 | 100.0        | 100.0        | 100.0 | 100.0        |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_\_\_

1302

DATA PROCESSING ENAMES USAF ETAC AIR HEATHER SERVICE/MAC

# **CEILING VERSUS VISIBILITY**

21¢()

JULYSTIN ISLANDINACIFIC IS

49-72

0050-0300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                 |              |               |              |              |              |              | VIS          | BILITY (STA  | ATUTE MILI   | ES)          |              |              |              |              |                    |                |
|-------------------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|----------------|
| (FEET)                  | ≥10          | ≥6            | ≥ 5          | ≥ 4          | ≥3           | ≥2¹?         | ≥ 2          | ≥1 'a        | ≥1¼          | 21           | ≥ 3/4        | ≥ 5/8        | ≥1⁄2         | ≥ 5/16       | ≥¼                 | ≥0             |
| NO CEILING<br>≥ 20000   | 63.4         | \$3.7<br>64.0 |              | 53.2<br>68.0 |              | 53.2<br>68.0 | 53.2<br>58.2 | 53.2<br>68.2 | 53.2<br>68.2 | 53.2<br>68.2 | 53.2<br>68.2 | 53.2<br>68.2 | 53.2         | 53.2<br>69.2 | 53.2<br>68.2       | 53.2<br>68.2   |
| ≥ 18000<br>≥ 16000      | 53.5<br>04.3 | 69.0          |              | 68.5         | 68.5         | 68.5<br>69.0 | 69.7         | 68.7         | 68.7         | 65.7<br>69.2 | 68.7         | 68.7         | 68.7         | 68.7<br>69.2 | 68.7               | 68.7           |
| ≥ 14000<br>≥ 12000      | 64.8         | 72.1          | 69.9<br>72.1 | 69.9<br>72.1 | 69.9<br>72.1 | 59.9<br>72.1 | 70.2         | 70.2         | 70.2<br>72.4 | 70.2         | 70.2<br>72.4 | 70.2         | 70.2<br>72.4 | 70.2         | 70.2               | 70.2           |
| ≥ 10000<br>≥ 9000       | 70.5<br>71.5 | 76.3          | 76.3<br>77.2 | 76.3<br>77.2 | 76.3<br>77.2 | 76.3<br>77.2 | 76.6<br>77.5 | 76.6<br>77.5 | 76.6<br>77.5 | 76.6<br>77.5 | 76.6<br>77.5 | 76.6<br>77.5 | 76.6         | 76.6<br>77.5 | 76.6<br>77.5       | 76.6           |
| ≥ 8000<br>≥ 7000        | 73.4<br>75.1 | 79.1<br>80.9  | 79.1<br>80.9 | 79.1<br>80.9 | 79.1<br>80.9 | 79.1<br>80.9 | 79.4<br>81.2 | 79.4<br>81.2 | 79.4         | 79.4<br>81.2 | 79.4<br>51.2 | 79.4<br>81.2 | 79.4         | 79,4<br>81.2 | 79.4<br>81.2       | 79.4           |
| ≥ 6000<br>≥ 5000        | 76.0<br>78.1 | 81.9<br>85.1  | 81.9         | 81.9<br>85.2 | 81.9         | 81.9<br>85.2 | 82.2         | 82.2<br>85.5 | 82.2<br>85.5 | 82.2<br>85.5 | 82.2<br>85.5 | 82.2<br>85.5 | 82.2<br>85.5 | 82.2<br>85.5 | 82.2<br>85.5       | 82.2<br>85.5   |
| ≥ 4500<br>≥ 4000        | 79.6<br>FQ.8 | 86.6<br>88.0  | 88.1         | 88.1         | 88.1         | 80.7         | 87.0         | 87.0<br>88.4 | 87.0         | 87.0<br>88.4 | 87.0<br>88.4 | 87.0         | 87.0<br>88.4 | 87.0<br>88.4 | 87.0<br>88.4       | 87.0           |
| ≥ 3500<br>≥ 3000        | 91.7         | 90.2          | 89.0<br>90.4 | 89.0<br>90.4 | 89.0<br>90.4 | 89.0<br>90.4 | 90.7         | 89.3<br>90.7 | 89.3<br>90.7 | 89.3<br>90.7 | 89.3<br>90.7 | 89.3<br>90.7 | 89.3<br>90.7 | 89.3<br>90.7 | 89.3<br>90.7       | 89.3<br>90.7   |
| ≥ 2500<br>≥ 2000        | 14.7         | 92.0          | 92.2<br>96.2 | 96.2         | 92.3         | 92.3         | 92.5         | 92.5         | 92.5         | 92.5         | 92.5         | 92.5         | 92.5<br>97.3 | 97.3         | 92.5               | 92.5           |
| ≥ 1800<br>≥ 1500        | 48.9         | 98.3          | 97.5         |              | 97.6         | 97.6         | 98.3         | 98.3         | 98.3         | 96.6         | 98.6         | 98.6         | 98.6         | 98.6         | 98.6               | 98.6           |
| ≥ 1200<br>≥ 1000        | 29.9         | 98.5          | 98.8         | 98.8         |              | 98.9         | 99.6         | 99.6         | 99.6         | 99.9         | 99,9         | 99.9         | 100.0        | 100.0        | 100.0              | 100.0          |
| ≥ 900<br>≥ 800          | 19.9         | 98.5          | 98.8         | 98.8         |              | 98.9         | 99.6         | 99.6         | 99.6         | 99,9         | 99,9         | 99.9         | 100 • 0      | 100.0        | 100.0              | 100.0          |
| ≥ 700<br>≥ 600          | 59.9<br>49.9 | 98.5          |              | 98.8         | 98.9         | 98.9         | 99.6         | 99,6         | 99.6         | 99.9         | 99,9         | 99,9         | 100.0        | 100.0        | 100.0              | 100.0          |
| ≥ 500<br>≥ 400<br>≥ 300 | 59.9<br>29.9 | 98.5<br>98.5  | 98.8         | 98.8         | 98.9         | 98.9         | 99.6         | 99,6         | 99.6         | 99.9         | 99,9         | 99.9         | 100.0        | 100.0        | ****               | 100.0          |
| ≥ 200                   | 9.9          | 98.5          |              |              | 98,9         | 98.9         | 99.6         | 99,6         | 99.6         | 99.9         | 99.9         | 99.9         |              | 100.0        | 100.0              |                |
| ≥ 100<br>≥ 0            | 9,9          | 94.4          | 98,8         | 98,8<br>98,8 | 98.9         | 98.9         | 99.6         | 99.6         | 99.6         | 99.9         | 99.9         | - 1          | 100.0        |              | 100 • 0<br>100 • 0 | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS\_

### CEILING VERSUS VISIBILITY

COMMET IN ISLAND / PACIFIC IS

49-74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                   |              |                      |              | -            |              |              | VIS          | BILITY (ST.  | ATUTE MILI   | ES:          |              |              |              | -            |               |              |
|---------------------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
| (FEET)                    | ≥10          | ≥6                   | ≥5           | ≥4           | ≥3           | ≥21⁄9        | ≥ 2          | ≥1'5         | ≥1:,         | ≥1           | ≥ 14         | ≥ >₀         | ≥ '>         | ≥ 5 16       | ≥ ¼           | ≥0           |
| NO CEILING<br>≥ 20000     | 54.5<br>48.3 | 58.4<br>73.8         | 58.4<br>73.8 | 58.4<br>73.8 | 58.4<br>73.8 | 58.4<br>73.8 | 58.4<br>73.8 | 58.4<br>73.8 | 56.4<br>73.8 | 58.4<br>73.8 | 58.4<br>73.8 | 58.4<br>73.8 | 58.4<br>73.8 | 54.4<br>73.8 | 58.4<br>73.8  | 58.4<br>73.8 |
| ≥ 18000<br>≥ 16000        | 68,6         | 74.1                 | 74.1         | 74.1         | 74.1         | 74.1         | 74.1         | 74.1         | 74.1         | 74.1         | 74.1         | 74.1         | 74.1         | 74.1<br>74.6 | 74.1          | 74.1<br>74.6 |
| ≥ 14000<br>≥ 12000        | 69.5         | 75.1                 | 75.1<br>77.1 | 75.1<br>77.1 | 75.1<br>77.1 | 79.1         | 75.1         | 75.1<br>77.1 | 75.1<br>77.1 | 75.1         | 75.1<br>77.1 | 75.1<br>77.1 | 75.1<br>77.1 | 75.1<br>77.1 | 75.1          | 75.1<br>77.1 |
| ≥ 10000<br>≥ 9000         | 74.9         | 82.9                 | 82.9         | 81.2         | 81.2         | 81.2         | 81.2         | 82.9         | 82.9         | 81.2         | 81.2         | 81.2         | P1.2         |              | 81.2<br>82.9  | 81.2         |
| ≥ 8000<br>≥ 7000          | 79.1<br>60.2 | 85.7                 | 85.7         | -            | 85.7         | 85.7         | 85.7         |              | 85.7<br>86.8 | 85.7         | 85.7         | 85.7<br>86.8 | 85.7         |              | 85.7          | 85.7         |
| ≥ 6000<br>≥ 5000          | *0.6         | 88,8                 | 87.3         | 87.3         | 87.3         | 87.3         | 88.8         | 87.3<br>88.8 | 87.3         | 87,3         | 87.3         | 87,3         | 87.3         | 87.3         | 86.6          | 87.3         |
| ≥ 4500<br>≥ 4000          | 32.1<br>3.7  | 91.0                 | 91.0         | 91.0         | 91.0         | 91.0         | 91.0         | 91.0         | 91.0         | 89.4<br>91.0 | 91.0         | 91.0         | 91.0         |              | 71.0          | 91.0         |
| ≥ 3500<br>≥ 3000          | ×4.5         | 91.9                 | 92.9         | 92,9         | 93.0         | 91.9         | 93.0         | 91.9         | 91.9         | 93.0         | 91.9         | 91.9<br>93.0 | 91.9         | 93.C         | 91.9<br>93.0  | 93.0         |
| ≥ 2500<br>≥ 2000          | 19.3         | 97.0                 | 94.3         | 94.3         | 94.3         | 94.4         | 98.1         | 98,1         | 94.4         | 98.1         | 98.1         | 98.1         | 98.1         | 98.1         | 98.1          | 98.1         |
| ≥ 1800<br>≥ 1500          | 90.7         | 98.3<br>98.7<br>98.7 | 98.5         | 98.8         | 96.7         | 98.8         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 99.6<br>100.0 | 100.0        |
| ≥ 1200<br>≥ 1000<br>≥ 900 | 90.7<br>90.7 | 98.7                 | 98.8         | 98.8         | 99.]         | 99.1         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0         | 100.0        |
| ≥ 800                     | 90.7         | 98.7                 | 98.8         | 98.8<br>98.8 | 99.1<br>99.1 | 99.1         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0         | 100.0        |
| ≥ 600                     | 90.7         | 96.7                 | 98.8         | 98.8         | 99,1         | 99.1         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0         | 100.0        |
| ≥ 500<br>≥ 400<br>≥ 300   | 90.7         | 98.7                 | 98.8         | 98.8         | 99.1         | 99.1         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0         | 100.0        |
| ≥ 200                     | 90.7         | 98.7                 | 98.8         | 98.8         | 99.1         | 99.1         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0         | 100.0        |
| ≥ 100<br>≥ 0              | 90.7         | 98.7                 | 98.8         | 98,8         |              | 99.1         | 100.0        |              |              |              | 100.0        |              |              | 100.0        | 100.0         | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_



BATA PROCESSING BRANCH USAF ETAC AIR HEATRE SERVICE/MAC

### CEILING VERSUS VISIBILITY

JUHNSTON ISLAND/PACIFIC IS

49-72

HANN 1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |              |      |      |              |              |              | VIS  | BILITY (ST | ATUTE MIL | ES)  |       |       |       |               |      |      |
|-----------------------|--------------|------|------|--------------|--------------|--------------|------|------------|-----------|------|-------|-------|-------|---------------|------|------|
| (PEET)                | ≥10          | ≥6   | ≥5   | ≥4           | ≥3           | ≥2½          | ≥ 2  | ≥1%        | 21%       | ≥ı   | ≥ 1/4 | ≥ 1/8 | ≥ 1/3 | ≥ 5/16        | ≥ ¼  | ≥0   |
| NO CEILING<br>≥ 20000 | 55.8<br>71.6 | 60.0 | 60.0 | 60.0<br>77.0 | 60.0<br>77.0 | 60.0<br>77.0 | 60.0 | 77.0       | 60.0      | 60.0 | 77.0  | 60.0  | 50.0  | 77.0          | 40.0 | 60.0 |
| ≥ 18000<br>≥ 16000    | 71.9         | 77.3 | 77.3 | 77.3         | 77.3         | 77.3         | 77.3 | 77.8       | 77.3      | 77.8 | 77.8  | 77.3  | 77.3  | 77.3          | 77.3 | 77.  |
| ≥ 14000<br>≥ 12000    | 73.1         | 78,4 | 78.4 | 78.5         | 78.5         | 78.5         | 78.5 | 78.5       | 78.5      | 78.5 | 78.5  | 78.5  | 78.5  | 78.5          | 78.5 | 78.  |
| ≥ 10000<br>≥ 9000     | 76.2         | 82.0 | 82.0 | 82.1         | 82.1         | 82.1         | 82.1 | 82.1       | 82.1      | 82.1 | 82.1  | 82.1  | 82.1  | 82.1          | 82.1 | 82.  |
| ≥ 8000<br>≥ 7000      | 78.8         | 85.1 | 85.1 | 85.2         | 85.2<br>86.1 | 85.2         | 85.2 | 85.2       | 85.2      | 85.2 | 85.2  | 85.2  | 85.2  | 85.2<br>86.1  | 85.2 | 85.  |
| ≥ 6000<br>≥ 5000      | 60.1         | 86.5 | 86.5 | 86.6         | 86.6         | 86.6         | 86.6 | 86.6       | 86.6      | 87.8 | 86.6  | 86.6  | 86.6  | \$6.6<br>87.8 | 86.6 | 86.  |
| ≥ 4500<br>≥ 4000      | 81.5<br>HZ.8 | 88.3 | 88.4 | 88.5         | 90.0         | 88.5         | 88,5 | 88.5       | 88.3      | 88.5 | 88.5  | 88.5  | 88.5  | 88.5          | 88.5 | 88.  |
| ≥ 3500<br>≥ 3000      | 83.2         | 90.2 | 90.4 | 90.4         | 90.4         | 90.4         | 90.4 | 90.4       | 90.4      | 90.4 | 90.4  | 90.4  | 90.4  | 90.4          | 90.4 | 90.  |
| ≥ 2500<br>≥ 2000      | 19.6         | 93.1 | 93.3 | 93.4         | 93.4         | 93.4         | 93.5 | 93.5       | 93.5      | 93.3 | 93.5  | 93.5  | 93.5  | 93.5          | 93.5 | 93.  |
| ≥ 1800<br>≥ 1500      | 90.7         | 97.7 | 98.0 | 98.1<br>98.5 | 98.3         | 98.4         | 99.1 | 99.1       | 99.1      | 99.3 | 99.3  | 99.3  | 99.3  | 99.3          | 99.3 | 99.  |
| ≥ 1200<br>≥ 1000      | 90.7         | 98.0 | 98.3 | 98.5         | 98.8         | 98.8         | 99.6 | 99.6       | 99.6      | 99.9 | 99.9  | 99.9  | 99.9  | 99.9          | 99.9 | 99.  |
| ≥ 900<br>≥ 800        | 90.7         | 98.0 | 98.4 | 98.6         | 98.6         | 98.9         | 99.7 | 99.7       | 99.7      | 99.9 | 99.9  | 99.9  | 99.9  | 99.9          | 99.9 | 99.  |
| ≥ 700<br>≥ 600        | 90.7         | 98.0 | 98.4 | 98.6         | 98.8         | 98,9         | 99.7 | 99.7       | 99.7      | 99.9 | 99.9  | 99.9  | 99.9  | 99.9          | 99.9 | 99   |
| ≥ 500<br>≥ 400        | 90.7         | 98.0 | 98.4 | 98.6         | 98.8         | 98.9         | 99.7 | 99.7       | 99.7      | 99.9 | 99.9  | 99.9  | 99.9  | 99.9          |      | 99   |
| ≥ 300<br>≥ 200        | 90.7         | 98.0 | 98.4 | 98.6         | 98.8         | 98.9         | 99.7 | 99.7       | 99.7      | 99.9 | 99.9  | 99.9  | 99.9  | 99.9          |      | 99   |
| ≥ 100<br>≥ 0          | 90.7         | 98.0 | 98.4 | 98.6         | 98.8         | 94.9         | 99.7 | 99.7       | 99.7      | 99.9 | 99.9  | 99.9  | 99.9  | 99.9          |      | 99,  |

TOTAL NUMBER OF OBSERVATIONS\_\_\_

TATA PROCESSING TRANCHOSAL FTA: AIP EAT ER SERVICE/ AC

# CEILING VERSUS VISIBILITY

21603 Jupit ST N ISLAM MACIFIC 15

49-72

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

150C-170C

| CEILING               |              |              |              |              |              |              | VIS          | IBILITY (STA | ATUTE MIL    | ES:            |              |              |              |              |                |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|----------------|--------------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥21/2        | ≥ 2          | ≥1°2         | ≥14          | ≥1             | ≥ ₺          | ≥ 3/8        | ≥ %          | ≥ 5 16       | ≥¼             | ≥0           |
| NO CEILING<br>≥ 20000 | 74.7<br>69.8 | 59.6<br>75.1 | 58.6<br>75.1 | 58.6<br>75.3 | 58.6<br>75.3 | 58.6         | 58.6<br>75.3 | 58.6<br>75.3 | 58.6<br>75.3 | 30.6<br>75.3   |              | 58.6<br>75.3 | 58.6<br>75.3 | 1 1          | 58.6<br>75.3   | 58.6<br>75.3 |
| ≥ 18000<br>≥ 16000    | 70.0         | 75.3<br>75.7 | 75.3<br>75.7 | 75.5<br>75.8 | 75.5<br>75.6 | 75.5<br>75.5 | 75.5<br>75.8 | 75.5<br>75.8 | 75.5<br>75.8 | 75.5<br>75.8   | 75.5<br>75.8 | 75.5<br>75.8 | 75.5<br>75.8 | 75.5<br>75.8 | 75.5<br>75.8   | 75.5<br>75.9 |
| ≥ 14000<br>≥ 12000    | 70.7<br>72.1 | 76.1<br>77.8 | 76.1<br>77.8 | 76.3<br>77.9 | 76.3<br>77.9 | 76.3<br>77.9 | 76.3<br>77.9 | 76.3<br>77.9 | 76.3<br>77.9 | 76.3<br>77.9   | 76.3<br>77.9 | 76.3<br>77.9 | 76.3<br>77.9 | 76.3<br>77.9 | 76.3<br>77.9   | 76.3<br>77.9 |
| ≥ 10000<br>≥ 9000     | 74 B         | 80.5<br>81.8 | 30.6<br>81.8 |              | 80.8<br>81.9 | 90.8<br>81.9 | 80.8<br>81.9 | 80.8<br>81.9 | 80.8<br>81.9 | 80.8<br>81.9   | 80.8<br>81.9 |              |              | 80.8         | 81.9           | 80.8<br>81.9 |
| ≥ 8000<br>≥ 7000      | 79.4         | 85.5         | 84.5         | 85.7         | 84.7         | 84.7         | 84.7<br>85.7 | 84.7<br>85.7 | 84.7<br>85.7 | 84.7<br>85.7   | 84.7<br>85.7 | 84.7<br>85.7 | 84.7         | 84.7<br>85.7 | 84.7           | 84.7<br>65.7 |
| ≥ 6000<br>≥ 5000      | 79.6         | 87.5         | 87.5         | 85.9         | 80.0         | 86.0         | 86.0         | 86.0<br>87.7 | 86.0         | 86,0<br>87,7   | 86.0         | 86.0         | 86.0<br>87.7 | 86.0<br>87.7 | 86.0           | 86.0         |
| ≥ 4500<br>≥ 4000      | 2.4          | 89.4         | 84.1<br>39.4 | 89.6         | 88.4         | 88.4         | 88.4         | 89.7         | 88.4         | 89.7           | 80.4<br>89.7 | 88.4         | 88.4         | 89.7         | 88.4           | 88.4<br>89.7 |
| ≥ 3500<br>≥ 3000      | 23.1         | 90.7         | 90.1         | 90.2         | 90.3         | 90.3         | 90.4         | 90.4         | 90.4         | 90.4           | 90.4         | 90.4         | 90.4         | 90.4         | 90.4           | 90.4         |
| ≥ 2500<br>≥ 2000      | 29.3         | 93.3         | 93.3         | 93.5         | 93.6         | 93.6         | 98.3         | 93.7         | 93.7<br>98.3 | 93.7           | 93.7<br>98,5 | 93.7         | 93.7<br>98.5 | 98.5         | 93.7<br>98.5   | 93.7<br>98.5 |
| ≥ 1800<br>≥ 1500      | 90.2         | 98.0         | 98.2<br>98.4 | 98.4         | 98.6         | 98.6         | 99.2         | 99.3         | 99.3         | 99,4           | 99.4         | 99.4         | 99.4         | 99.4         | 99.4           | 99.4<br>99.9 |
| ≥ 1200<br>≥ 1000      | 90.2         | 98.3         | 98.4         | 98.7         | 99.0         | 99.0         | 99.6         | 99.8         | 99.8         |                | 100.0        | 100.0        | 100.0        |              | 100.0          | 100.0        |
| ≥ 900<br>≥ 800        | 90.2         | 98.3         | 98.4         | 98.7         | 99.0         | 99.0         | 99.6         | 99.8         | 99.8         |                | 100.0        | 100.0        | 100.0        | 100.0        | 100.0          |              |
| ≥ 700<br>≥ 600        | 90.2<br>90.2 | 94.3         | 98.4         | 98.7         | 99.0         | 99.0         | 99.6         | 99.8         |              |                | 100.0        | 100.0        |              |              | 100.0          |              |
| ≥ 500<br>≥ 400        | 90.2         | 98.3         | 98.4<br>98.4 | 98.7         | 99.0         | 99.0         | 99.6         | 99.8         | 99.8         |                | 100.0        |              | 100.0        | 100.0        | -              |              |
| ≥ 300<br>≥ 200        | 90.2         | 98.3<br>98.3 | 98.4         | 98.7         | 99.0         | 99.0         | 99.6         | 99.8         | 99.8         |                | 100.0        |              |              | 100.0        | 100.0          |              |
| ≥ 100<br>≥ 0          | 90.2         |              | 98.4         | 98.7         | 99.0         | 99.0         | 99.6         | 99,8         | 99.8         | 100.0<br>100.0 | 100.0        |              | 100.0        |              | 100.0<br>100.0 |              |

TOTAL NUMBER OF OBSERVATIONS\_

1382

DATA PROCESSING PRANCH-USAF ETAC AIR AEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

JUMNSTON ISLAND/PACIFIC IS

49-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 00 - 2000

| CEILING                    |              |              |              |                      |              |                      | VIS          | BILITY (STA  | TUTE MILE    | ES)          |              |              |              |              |                    |              |
|----------------------------|--------------|--------------|--------------|----------------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|--------------|
| (FEET)                     | ≥10          | ≥6           | ≥5           | ≥4                   | ≥3           | ≥2⅓                  | ≥ 2          | ≥15          | ≥14          | ≥1           | ≥ ¾          | ≥ ⅓          | ≥ 1⁄2        | ≥ 5/16       | ≥ ¼                | ≥0           |
| NO CEILING<br>≥ 20000      | 59.5         | 57.2<br>74.9 | 56.2<br>74.9 |                      | 38.2<br>75.1 | 58 • 2<br>75 • 1     | 75.3         | 58.2<br>75.3 | 56.2<br>75.3 | 56.2<br>75.3 | 58.2<br>75.3 | 58.2<br>75.3 | 58.2<br>75.3 | 58.2<br>75.3 | 58.2<br>75.3       | 58.2<br>75.3 |
| ≥ 18000<br>≥ 16000         | 69.6<br>59.8 | 75.1<br>75.3 | 75.1         | 75.3<br>75.5         | 75.3<br>75.5 | 75.3                 | 75.4<br>75.6 | 75.4<br>75.6 | 75.4<br>75.6 | 75.4<br>75.6 | 75.4<br>75.6 | 75.4         | 75.4<br>75.6 | 75.4         | 75.4<br>75.6       | 75.6<br>75.6 |
| ≥ 14000<br>≥ 12000         | 70.2         | 76.0         | 76.0<br>76.0 | 76.2                 | 76.2<br>78.2 | 76.2                 | 70.4         | 76.4<br>78.4 | 76.4         | 76.4<br>78.4 | 76.4         | 76.4<br>78.4 | 76.4         | 76.4         | 76.4<br>78.4       | 76.4         |
| ≥ 10000<br>≥ 9000          | 75.0         | 80.7         | 80.7         | 80.9                 | 80.9         | 80.9                 | 81.1<br>82.2 | 81.1<br>82.2 | 81.1<br>82.2 | 82.3         | 81.1<br>82.3 | 81.1         | 91.1<br>82.3 | H1.1<br>B2.3 | 81.1<br>82.3       | 81.1<br>82.3 |
| ≥ 8000<br>≥ 7000           | 77.7         | 84.1         | 84.1         | 84.3                 | 85.2         | 84.5                 | 85.3         | 85.3         | 85.3         | 84.7<br>85.4 | 84.7         | 84.7         | 85.4         | 84.7         | 84.7               | 84.7         |
| ≥ 6000<br>≥ 5000           | 79.0<br>79.9 | 85.5         | 85.5         | 85.8                 | 85.9         | 65.9<br>67.2         | 86.0         | 86.0<br>67.3 | 86.0<br>87.3 | 85.1<br>87.4 | 87.4         | 86.1<br>87.4 | 86.1         | 86.1<br>87.4 | 86 - 1<br>87 - 4   | 87.4         |
| ≥ 4500<br>≥ 4000           | 1.1          | 87.5<br>68.3 | 87.5         | 87.7                 | 87.9         | 88.7                 | 88.9         | 88.9         | 88.9         | 88.9         | 88.9         | 88.1         | 88.1         | 88.1<br>88.9 | 88.9               | 88.9         |
| ≥ 3500<br>≥ 3000           | 2.5          | 89.6         | 88.9         | 89.1                 | 90.0         | 90.0                 | 90.2         | 90.2         | 89.4         | 90.2         | 90.2         | 90.2         | 90.2         | 69.4<br>90.2 | 70.2               | 90.2         |
| ≥ 2500<br>≥ 2000           | 58.1         | 92.3         | 92.4         | 92.6                 | 92.8         | 92.8                 | 93.0         | 93.0         | 93.0         | 93.1         | 93.1         | 93.1         | 93.1         | 93.1         | 97.5               | 93.1         |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 19.7         | 97.1         | 97.9<br>97.9 | 98.5                 | 98.8         | 98.2                 | 98.8         | 98,8         | 99.5         | 99.7         | 99.7         | 99.1         | 99.1         | 99.1         | 99.1               | 99.1         |
| ≥ 1000                     | 39.7         | 97.8         | 98.0         | 98.5<br>98.6<br>98.6 | 98.8         | 98.8                 | 99.5         | 99.6         | 99.5         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7               | 99,9         |
| ≥ 900<br>≥ 800<br>≥ 700    | 19.7         | 97.8<br>97.8 | 98.0         | 98.6                 | 98.8<br>98.8 | 98.8<br>98.8<br>98.8 | 99.6         | 99.6         | 99.6         | 99.8         | 99.9         | 99.9         | 99.9         | 99.8         | 99,9               | 99.9<br>99.9 |
| ≥ 600                      | 19.7         | 97.8         | 98.0         | 98.6                 | 98.8         | 98.8                 | - "          | 99.6         | 99.6         | 99,9         | 99,9         | 99.9         |              | 99,9         | 99,9               | 99.9         |
| ≥ 400                      | 19.7         | 97.5         | 98.0         | 98.6                 | 98.8         | 98.8                 | 99.6         | 99.6         | 99.6         | 99,9         | 99.9         | 99.9         | 99.9         | 99.9         | 100 • 0<br>100 • 0 | 100.0        |
| ≥ 200                      | 19.7         | 97.8         | 98.0         | 96.6                 | 98.8         | - 1                  | 1            | 99.6         | 99.6         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 100.0              | 100.0        |
| ≥ 0                        | 49.7         | 97.6         | - 1          | 98:6                 |              |                      |              | 99,6         | 99.6         | 99,9         |              | 99,9         | 99.9         | • .          | 180.0              | 1            |

USAF ETAC JUL 44 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

HATA PRINCESSING PRANCH SAF ETA AIR EAT ER SERVICE/ AC

### CEILING VERSUS VISIBILITY

215 3

ALI META ISSAN PACIFIC IS

43=74

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (5)

| CEILING                    |              |              |              |              |              |                  | VIS                  | BILITY (STA          | ATUTE MIL            | ES)          |              |                      |       |              |              |              |
|----------------------------|--------------|--------------|--------------|--------------|--------------|------------------|----------------------|----------------------|----------------------|--------------|--------------|----------------------|-------|--------------|--------------|--------------|
| FEET                       | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2%              | ≥ 2                  | ≥1%                  | ≥1¼                  | ≥1           | ≥ 1/4        | ≥ 5/8                | ≥ %   | ≥ 5/16       | ≥¼           | ≥0           |
| NO CEILING<br>≥ 20000      | (5.7<br>73.0 | 71.4         | 71.4         | 71.4<br>80.1 | 71.4         | 71.4             | 71.4                 | 71.4                 | 71.4                 | 71.4         | 71.4<br>80.3 | 71.4<br>80.3         | PO.3  | 71.4         | 71.4         | 80.3         |
| ≥ 18000<br>≥ 16000         | 73.0<br>73.2 | 79.9         | 79.9<br>50.1 | 80.1         | 80 · 1       | 80 • 1<br>80 • 3 | 80.3<br>80.5         | 80.3                 | 80.3<br>80.5         | 80.3         | 80.5         | 80.3                 | 80.3  | 80.3         | 8C.3         | 80.3<br>80.5 |
| ≥ 14000<br>≥ 12000         | 74.1         | 81.1<br>82.2 | 81.1<br>82.2 | 81.3         | 81.3<br>82.4 | 81.3<br>62.4     | 81.5<br>R2.6         |                      | 81.5                 | 81.5         |              | 81.5                 | 82.6  | 81.5         | 82.0         |              |
| ≥ '0000 ≥ 9000             | 77.8         | 86.4         | 85.2<br>86.5 | 85.4         | 86.7         | 85.4             | 85.6                 | 86.9                 | 85.6                 | 86.9         | 86.9         | 85.6                 |       | 85.6<br>86.9 | 85.6<br>86.9 | 86.9         |
| ≥ 8000<br>≥ 7000           | (1.0         | 89.2         | 88.7         | 88,9         | 88.9         | 88.9<br>89.5     | 89.1<br>89.8<br>90.0 | 89.1<br>89.8<br>90.0 | 89, <u>1</u><br>89,8 | 89.1<br>89.8 | 89.1<br>89.8 | 89.1<br>89.5<br>90.0 | 89.8  | 89.8         | 89.8         | 89.8         |
| ≥ 6000<br>≥ 5000           | 61.6<br>62.4 | 90.2         | 89.5<br>90.2 | 89.7<br>90.4 | 90.4         | 90.4             | 90.7                 | 90.7                 | 90.7                 | 90.7         | 90.7         | 90.7                 | 90.7  | 90.7         | 30.7         | 90.7         |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 53.7         | 91.5         | 91.7         | 91,9         | 91,9         | 91,9             | 92.2                 | 92.2                 | 92.2                 | 92.9         | 92.2         | 92.2                 | 92.2  | 92.2         | 92.2         | 92.2         |
| ≥ 3000<br>≥ 2500           | 74.8         | 92.8         | 94.0         | 93.2         | 93.2         | 93.2             | 93.5                 | 93.5                 | 93.5                 | 93.5         | 93.5         | 93.5                 | 93.5  | 93.5         | 93.5         | 93.5         |
| ≥ 2000                     | 67.8<br>≓8.6 |              | 96.7         | 96,9         | 97.2         | 97.2             | 97.8                 | 97.8                 | 97.8                 | 98,0         | 98.0         | 98.0                 | 98.0  | 99.3         | <del></del>  | 98.0         |
| ≥ 1500                     | 88.6         |              | 78.3<br>98.4 | 98.8         | 99.1         | 99.1             | 99,6                 | 99,6                 | 99.6                 | 100.0        | 100.0        | 100.0                | 100.0 | 100.0        | 100.0        | 100.0        |
| ≥ 1000                     | 88.6         |              | 98.4         | 98.8         | 99.3         | 99,3             | 99.8                 | 99.8                 | 99.8                 | 100.0        | 100.0        | 100.0                | 100.0 | 100.0        |              | 100.0        |
| ≥ 800<br>≥ 700<br>≥ 600    | 88.6         |              | 98.4         | 98.8         | 99.3         | 99.3             | 99.8                 | 99.8                 | 99.6                 | 100.0        | 100.0        | 100.0                | 100.0 | 100.0        | 100.0        | 100.0        |
| ≥ 500<br>≥ 400             | 78.6         | 1            | 98,4         | 98.8         | 99.3         | 99,1             | 99.8                 | 99.8                 | 99.6                 | 100.0        | 100.0        | 100.0                | 100.0 | 100.0        | 100.0        | 100.0        |
| ≥ 300<br>≥ 200             | A8.6         | 97.8         | 78.4         | 98.8         | 99.3         | 99.3             | 99.8                 | 99.5                 | 99.8                 | 100.0        | 100.0        | 100.0                | 100.0 | 100.0        | 100.0        | 100.0        |
| ≥ 100<br>≥ 0               | 88.6         | 97.1         | 98.4         | 98.5         | 99.3         | 99.3             | 99.8                 | 99.6                 | 99.6                 | 100.0        | 100.0        |                      | 100.0 | 7            |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_

DATA PROCESSING BRANCH USAF ETAP AIR . EAT ER . FRVTUFY AC

### CEILING VERSUS VISIBILITY

UDINSTIN ISLA-DZPACIFIC IS

45-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-020C

| CEILING                   |              |              |              |              |              |      | VIS  | BILITY (ST | ATUTE MIL | ES)   |              |       |       |              |              |              |
|---------------------------|--------------|--------------|--------------|--------------|--------------|------|------|------------|-----------|-------|--------------|-------|-------|--------------|--------------|--------------|
| FEET                      | ≥10          | ≥6           | ≥ 5          | ≥4           | ≥3           | ≥2⅓  | ≥ 2  | ≥11⁄2      | ≥114      | ≥1    | ≥ ¾          | ≥ %   | ≥%    | ≥ 5/16       | ≥¼           | ≥0           |
| NO CEILING<br>≥ 20000     | 70.7         | 74.5<br>82.3 | 74.5         |              |              | 74.5 | 74.5 | 74.5       | 74.5      |       | 74.5         | 74.5  | 74.5  | 74.5         | 74.5         | 74.5         |
| ≥ 18000<br>≥ 16000        | 76.0         | 82.4<br>82.4 | 82.4         | 82.4         | 82.4         | 82.4 | 82.4 | 82.4       | 82.4      | 82.4  | 82.4         | 82.4  | 82.4  | 62.4<br>82.4 | 82.4<br>82.4 | 82.4<br>82.4 |
| ≥ 14000<br>≥ 12000        | 78.3         | 82.7<br>84.5 | 82.7         | 82.7         | 82.7<br>84.5 | 82.7 | 84.5 | 82.7       | 84.5      | 82.7  | 82.7<br>84.5 | 82.7  | 82.7  | 82.7<br>84.5 | 82.7<br>84.5 | 82.7         |
| ≥ 10000<br>≥ 9000         | 82.0         | 86.5         | 86.6         | 87.8         | 87.8         | 86.6 | 87.8 | 87.8       | 86.6      | 86.6  | 87.8         | 86.6  | 87.8  | 86.6<br>87.8 | 86.6<br>87.8 | 87.8         |
| ≥ 8000<br>≥ 7000          | 25.3         | 89.9         | 90.0         | 90.0         | 90.0         | 90.0 | 90.0 | 90.0       | 90.0      | 90.0  | 70.0         | 90.0  | 90.0  | 90.0         | 90.0         | 90.0         |
| ≥ 6000<br>≥ 5000          | 65.5         | 90.1         | 90.2<br>91.1 | 91.1         | 90.2         | 90.2 | 90.2 | 91.1       | 91.1      | 90.2  | 91.1         | 90.2  | 91.1  | 90.2         | 90.2         | 91.1         |
| ≥ 4500<br>≥ 4000          | 10.4         | 91.6         | 91.8         | 91.4         | 91.4         | 91.4 | 91.4 | 91.4       | 91.4      | 91.4  | 91.4         | 91.4  | 91.4  | 91.4         | 91.4         | 91.4         |
| ≥ 3500<br>≥ 3000          | 77.2<br>€7.6 | 92.6         | 92.8         | 92.3         | 92.8         | 92.8 | 92.8 | 92.8       | 92.8      | 92.8  | 92.3         | 92.8  | 92.8  | 92.3         | 92.3         | 92.3         |
| ≥ 2500<br>≥ 2000          | 69.3         |              | 94.5         | 98.5         | 98.5         | 96.5 | 94.5 | 98.6       | 98.6      | 98.6  | 98.6         | 98.6  | 94.5  | 94.5         | 98.6         | 94.5<br>98.6 |
| ≥ 1800<br>≥ 1500          | 93.4         | 96,9         | 99.1         | 99.1<br>99.7 | 99.1         | 99.7 | 99,7 | 99.7       | 99.7      | 99.2  | 99.2         | 99.2  | 99.8  | 99.2<br>99.8 | 99.2         | 99.8<br>99.9 |
| ≥ 1200<br>≥ 1000<br>≥ 900 | 73.4         | 99.3         | 99.8         | 99.9         | 99,9         | 99.9 | 99.9 | 99.9       | 99.9      | 100.0 | 100.0        | 100.0 | 100.0 | 100.0        | 100.0        | 100.0        |
| ≥ 900<br>≥ 800<br>≥ 700   | 93.4         | 99.3         | 99.8         | 99.9         | 99.9         | 99.9 | 99.9 | 99,9       | 99.9      | 100.0 | 100.0        | 100.0 | 100.0 | 100.0        | 100.0        | 100.0        |
| ≥ 600                     | 93.4         | 99.3         | 99.8         | 99.9         | 99.9         | 99.9 | 99,9 | 99.9       | 99.9      | 100.0 | 100.0        | 100.0 | 100.0 | 100.0        | 100.0        | 100.0        |
| ≥ 400                     | 93.4         | 99,3         | 99.8         | 99.9         | 99.9         | 99.9 | 99.9 | 99.9       | 99.9      | 100.0 | 100.0        | 100.0 | 100.0 | 100.0        | 100.0        | 100.0        |
| ≥ 200                     | 73.4         | 99.3         | 99.8         | 99.9         | 99.9         | 99.9 | 99.9 | 99.9       | 99.9      | 100.0 | 100.0        | 100.0 | 100.0 | 100.0        | 100.0        | 100.0        |
| ≥ 0                       | 93.4         | 99,3         | 99.8         | 99,9         | 99.9         | 99.9 | 99.9 | 99.9       | 99,9      |       | 100.0        |       |       |              |              |              |

TOTAL NUMBER OF OBSERVATIONS

MATA PROCESSING BRANCH SAF ETAL ATR MEATIER SELVICE/MAC

### CEILING VERSUS VISIBILITY

21603 STATION

JUMBSICH ISLAND/PACIFIC IS

48-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0200-0500

| CEILING                    |              |              |                      |              |              | -            | VIS          | IBILITY (STA | ATUTE MIL    | ES)            |                |              |                    |                |              |              |
|----------------------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|--------------|--------------------|----------------|--------------|--------------|
| (FEET)                     | ≥10          | ≥6           | ≥5                   | ≥4           | ≥ 3          | ≥2'2         | ≥ 2          | ≥1%          | ≥1¼          | ≥1             | ≥ ¾            | ≥ 3/8        | ≥%                 | ≥ 5/16         | ≥¼           | ≥0           |
| NO CEILING<br>≥ 20000      | 46.7<br>75.0 | 69.6<br>78.8 |                      | 78.8         | 78.8         | 59.6<br>78.8 | 69.6<br>78.8 | 69.6<br>78.3 | 69.6<br>78.8 | 69.6<br>78.8   | 69.6<br>78.8   | 69.6<br>78.8 | 69.6               | 69.6<br>78.8   | 69.6<br>78.8 | 69.6<br>78.8 |
| ≥ 18000<br>≥ 16000         | 75.3         | 78.9         | 78.9<br>79.1         | 78.9         | 78.9         | 79.1         | 76,9<br>79,1 | 79.1         | 76.9<br>79.1 | 78.9           | 78.9<br>79.1   | 78.9<br>79.1 | 78.9<br>79.1       | 78.9<br>79.1   | 78.9<br>79.1 | 78.9         |
| ≥ 14000<br>≥ 12000         | 75.9<br>76.9 | 79.7         | 79.7<br>80.8         | 79.7<br>80.8 | 79.7<br>80.8 | 79.7         | 79.7<br>80.8 | 79.7         | 79.7<br>80.8 | 79.7<br>80.8   | 79.7<br>80.8   | 79.7         | 79.7               | 79.7<br>80.8   | 79.7<br>80.8 | 79.7<br>80.8 |
| ≥ 10000<br>≥ 9000          | 78.9         | 82.8         | 82.0<br>93.0         | 83.6         | 83.6         | 83.6         | 82.8         | 83.6         | 82.8         | 82.8<br>83.6   | 83.6           | 82.8         | 82.8               | 82.8<br>83.6   | 82.8<br>83.6 | 82.8<br>83.6 |
| ≥ 8000<br>≥ 7000           | 51.0         |              | 84.8                 | 84.8         |              | 85.6         | 84.8         |              | 85.6         | 84.8           | 85.6           |              | 84.8               | 85.6           |              | 84.6         |
| ≥ 6000<br>≥ 5000           | 41.8<br>~2.9 | 84.0         | 87.4                 | 86.0         | 87.5         | 86.C         | 87.5         | 86.0<br>87.5 | 86.0         | 86.0<br>87.5   | 86.0<br>87.5   | 86.0<br>87.5 | 86.0<br>87.5       | 87.5           | 87.5         | 87.5         |
| ≥ 4500<br>≥ 4000           | 65.0         | 69.8         | 89.8                 | 88.4<br>89.8 | 88.5<br>59.8 | 89.5         | 88,5         | 89.8         | 88.5         | 88.5           | 89.8           | 89.5         | 88.5               | 89.8           | 88.5         | 89.8         |
| ≥ 3500<br>≥ 3000           | 2.5          | 90.9         | 90.9                 | 90.9         | 90.9         | 91.6         | 90.9         | 91.6         | 90.9         | 90.9           |                | 90.9         | 90.9               | 90.9           |              | 90.9         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 67.7<br>91.6 | 97.1         | 97.1                 | 97.1         | 97.3         | 92.8         | 92.8         | 97.3         | 92.8         | 92.8           | 97.3           | 92.8         | 92.8               | 92.8           | 97.3         | 97.3         |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 93.4<br>93.4 | 91,9<br>99,5 | 98.9<br>99.6<br>99.7 | 98.9<br>99.7 | 99.9         | 99.1         | 99.1         | 99.1         | 99.1         | 99.1           | 99.9           | 99.9         | 99.1               | - / B P        | 99.9         | 99.1         |
| ≥ 1000<br>≥ 1000           | 93.4         | 99.6         | 99.7                 | 99.7         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9           | 99.9           | 99.9<br>99.9 | 99.9               | 99.9           | 99.9         | 99.9         |
| ≥ 800<br>≥ 700             | 93.4         | 99.6         | 99.7                 | 99.7         |              | 99.9         | 99.9         | 99.9         | 99,9         | 100.0          | 100.0          | 100.0        | 100.0              | 100.0          | 100.0        | 100.0        |
| ≥ 600                      | 93.4         | 99.0         | 99.7                 | 99.7         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 100.0<br>100.0 | 100.0<br>100.0 | 100.0        | 100 • 0<br>100 • 0 | 100.0<br>100.0 |              | 100.0        |
| ≥ 400<br>≥ 300             | 93.4         | 99.6         | 99.7                 | 99.7         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 100.0          | 100.0          | 100.0        | 100.0              | 100.0          | 100.0        | 100.0        |
| ≥ 200                      | 43.4         | 99.6         | 99.7                 | 99.7         | 1 1 1        | 99.9         | 99.9         | 99.9         | 99.9         | 100.0          | 100.0          |              |                    | 100.0          | 100.0        |              |
| ≥ 0                        | 4 و ب        | 99.6         | 99.7                 | 99.7         | 11.1         | 99.9         | 99,9         | 11.          | 99,9         |                | 100.0          |              | 100.d              | 100.0          |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_

1524

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

Z LOUS

JUSTISTIN ISLAND/PACIFIC IS

48-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C 4 CO - 080C

| CEILING               |              |              |              |              |              |              | VIS  | IBILITY (ST  | ATUTE MIL    | ES)          |              |              |              |              | ·             |               |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥4           | ≥3           | ≥21⁄2        | ≥ 2  | ≥1%          | ≥1%          | 1≤           | ≥ 1/4        | ≥ ¾8         | ≥ 1⁄2        | ≥ 5/16       | ≥ ¼           | ≥0            |
| NO CEILING<br>≥ 20000 | 54.1         | 56.7<br>72.1 | 56.7<br>72.1 | 56.7<br>72.1 | 56.7<br>72.1 | 56.7<br>72.1 | 50.7 | 56.7<br>72.1 | 56.7<br>72.1 | 56.7<br>72.1 | 56.7<br>72.1 | 56.7<br>72.1 | 56.7<br>72.1 | 55.7<br>72.1 | 56.7<br>72.1  | 56.7<br>72.1  |
| ≥ 18000<br>≥ 16000    | 70.0         | 72.7         | 72.7         | 72.7         | 72.7         | 72.7         | 72.7 | 72.7         | 72.7         | 72.7         | 72.7         | 72.7         | 72.7         | 72.7         | 72.7          | 72.7          |
| ≥ 14000<br>≥ 12000    | 71.4         | 74.6         | 74.6         | 74.6         | 74.6         | 74.6         | 74.6 | 74.6         | 74.6         | 74.6<br>76.3 | 74.ú<br>76.3 | 74.6         | 74.6         | 74.6         | 74.6          | 74.6          |
| ≥ 10000<br>≥ 9000     | 75.1         | 79.7         | 79.7         | 79.7<br>H1.3 | 79.7         | 79.7<br>81.3 | 79.7 | 79.7         | 79.7         | 79.7         | 79.7         | 79.7         | 79.7         | 79.7<br>81.3 | 79.7<br>81.3  | 79.7<br>81.3  |
| ≥ 8000<br>≥ 7000      | 79.9         | 86.1         | 86.1         | 83.7         | 83.7         | 83.7         | 86.1 | 83.7         | 83.7<br>86.1 | 83.7<br>86.1 | 83.7<br>86.1 | 85.7         | яз.7<br>86.1 | 83.7         | 89.7          | 83.7          |
| ≥ 6000<br>≥ 5000      | 12.6         | 86.7<br>87.6 | 86.7         |              | 86.7         | 86.7         | 86.7 | 86.7         | 86.7         | 80.7         | 87.6         | 86.7         | 86.7         | 86.7<br>87.6 | 86.7          | 86.7          |
| ≥ 4500<br>≥ 4000      | 33.7         | 88,2<br>88,8 | 88.2         | 88.9         | 89.0         | 89.0         | 88.2 | 88.2         | 88.2         | 89.0         | 88.2<br>89.0 | 88.2<br>89.0 | 99.0         | 88.2<br>89.0 | 88.2<br>89.0  | 88.2          |
| ≥ 3500<br>≥ 3000      | 5.9          | 90.0<br>90.5 | 90.0         | 90.5         |              |              | 90.1 | 90,1         | 90.6         |              | 90.2         | 90.2         | 90.7         | 90.7         | 90.2          | 90.7          |
| ≥ 2500<br>≥ 2000      | 7.8          | 92.6         | 92.7         | 97,4         | 97.5         | 92.8         | 92.8 | 92.8<br>97.5 | 92.8         | 97,6         |              | 97.6         | 97.6         | 97.6         | 97.6          | 97.6          |
| ≥ 1800<br>≥ 1500      | 42.2         | 98.0         | 98.3         |              | 99.5         | 98.6         | 99.5 | 98.6         | 98.6         | 99.6         | 98.6         | 98.6         | 99.6         | 98.6         | 99.0          | 99.6          |
| ≥ 1200<br>≥ 1000      | 93.2         | 98.9         | 99.0         | 99.8         | 99.9         | 99.9         | 99.9 | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9          | 99.9          |
| ≥ 900<br>≥ 800        | 93.2         | 98.9         | 99.6         | 99.8         |              | 99.9         | 99.9 | 99,9         | 99.9         | 99.9         |              | 99.9         | 100.0        | 100.0        | 99.9<br>100.0 | 99.9<br>100.0 |
| ≥ 700<br>≥ 600        | 93.2<br>93.2 | 98.9         | 99.6         | 99.8         |              | 99.9         | 99.9 | 99,9         | 99.9         |              | 100.0        |              | 100.0        | 100.0        | 100.0         | 100,0         |
| ≥ 500<br>≥ 400        | 73.2         | 98.9         | 99.6         | 99 R         | 99.9         | 99.9         | 99,9 | 99,9         | 99.9         | 100.0        |              | 100.0        | 100.0        | 100.0        | 100.0         | 100.0         |
| ≥ 300<br>≥ 200        | 93.2         | 98.9         | 99.6         | 99.8         | 99.9         | 99.9         | 99.9 | 99.9         | 99.9         | 100.0        |              | 100.0        | 100.0        | 100.0        |               |               |
| ≥ 100<br>≥ 0          | 93.2         | 98.9         | 99.6         |              | _ ` ` • _    | 99.9         | 99.9 | 99.9         |              |              |              |              |              | 100.0        |               |               |

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC FORM INL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING BRANCH SAF ETAL AIR SEAT EN SERVICE/MAC

CEILING VERSUS VISIBILITY

216W4

AUMINTON ISLANDAPACIFIC IS

49=71 ... vears

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100

| CEILING                    |              |              |                      |              |              |              | VIS          | BILITY (STA  | TUTE MIL     | ES)                  |              |              |              |              |              |       |
|----------------------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|-------|
| FEET                       | ≥10          | ≥6           | ≥ 5                  | ≥ 4          | ≥ 3          | ≥21/2        | ≥ 2          | ≥11/5        | ≥11⁄4        | ≥1                   | ≥ ¾          | ≥ %          | ≥%           | ≥ 5/16       | ≥%           | ≥0    |
| NO CEILING<br>≥ 20000      | 37.4<br>73.0 |              | 60.3<br>70.5         | 76.5         | 60.3<br>76.5 | 60.3<br>76.3 | 60.3<br>76.5 | 60.3<br>76.5 | 60.3<br>76.5 |                      |              |              | 60.3<br>76.5 | 76.5         | 60.3<br>76.5 |       |
| ≥ 18000<br>≥ 16000         | 73.4         | 77.0         | 17.0<br>77.2         | 77.0         | 77.0         | 77.0         | 77.0         | 77.0         | 77.0         | 77.0                 | 77.0         | 77.0<br>77.2 | 77.0<br>77.2 | 77.0<br>77.2 | 77.0         | 77.0  |
| ≥ 14000<br>≥ 12000         | 74.0         | 77.7<br>80.0 | 77.7                 |              | 77.7<br>80.0 | 77.7         | 77.7         | 77.7<br>30.0 | 77.7         |                      | 80.0         | 77.7<br>80.0 | 77.7<br>80.0 | 77.7<br>80.0 | 77.7<br>80.0 |       |
| ≥ 10000<br>≥ 9000          | 79.3<br>80.8 | 83.1<br>84.8 | 53.1<br>84.8         | 83.1<br>84.8 | 84.8         | 83.1         | 83.1<br>84.8 | 83.1<br>84.8 | 83.1         |                      |              | 83.1<br>84.8 |              | 83.1         | 83.1         | 84.9  |
| ≥ 8000<br>≥ 7000           | 5 4 4 5 C    | 8.88         | 88.8                 | 88.9         | 88.9         | 87.5         | 87.5         | 87.5<br>88.9 | 87.5         | 88.9                 |              | 87.5         | 88,9         | 87.5         | 88.9         | 88.9  |
| ≥ 6000<br>≥ 5000           | 6.2          | 90.6         | 8 <b>4.2</b><br>90.6 | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7                 | 89.3<br>90.7 | 90.7         | 90.7         | 90.7         | 90.7         | 90.8  |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 46.7<br>47.1 | 91.0<br>91.6 | 91.2<br>91.6         | 91.2         | 91.2         | 91.2<br>91.6 | 91.6         | 91.2         | 91.2         | 91.2<br>91.6         | 91.6         | 91.2         | 91.2         | 91.2         | 31.5         | 91.7  |
| ≥ 3000                     | ∴8.5<br>20.1 | 92.3<br>93.1 | 93.1                 | 93.2         | 92.4         | 92.4         | 93.2         | 92.4         | 93.2         | 97.4<br>93.2<br>94.9 | 92,4<br>93.2 | 92.4         | 93.2         | 92.4<br>93.2 | 92.4         | 93.3  |
| ≥ 2000                     | 2.6          | 97.8         |                      | 98.1         | 98.5         | 98.1         | 98.2         | 98.6         | 98.2         | 98.2                 | 98.2         | 98.2         | 98.2         | 98.2<br>98.6 | 98.2         | 98.3  |
| ≥ 1500                     | 93.0         | 99.1         | 99.4                 | 99.5         | 99.5         | 99.5         | 99.6         | 99.6         | 99.6         | 99.6                 |              | 99.6         | 99.6         | 99.6         | 99.6         | 99.7  |
| ≥ 1000                     | 93.7         | 99.3         | 99.4                 | 99.7         | 99.7         | 99.7         | 99.8         | 99,8         | 99.8         | 99.8                 | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.9  |
| ≥ 800                      | 93.7         | 99.3         | 99.4                 | 99.7         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.8                 | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.9  |
| ≥ 600<br>≥ 500             | 93.7         | 99,3         | 99.4                 | 99.7         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99,8                 |              | 99.8         | 99.8         | 99.8         | 99.8         |       |
| ≥ 400                      | 93.7         | 99.3         | 99.4                 |              | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99,8                 | 1 - 4 - 7    | 99,8         | 99.8         | 99,8         |              | 99,9  |
| ≥ 200<br>≥ 100<br>≥ 0      | 93.7         | 99.3         | 99.4                 | 99.7         | 99.7         | 99.7         | 99.8         | 99,8         | 99.8         | 99.8                 | 99.8         | 99.8         | 99.8         | 99.8         |              | 100.0 |
|                            | 93.7         | 99.3         | 99.4                 | 99.7         | 99.7         | 99.7         | 99.8         | 99.3         | 99.8         | 99.8                 | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 100.0 |

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1513

<u>2</u> E

DATA PROCESSING HARNCH ASAF ETAL AIR EAT EF ETVICEY AC

### CEILING VERSUS VISIBILITY

21643

JUNNSTIN ISLAND/PACIFIC IS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING               |                         |              |              |              |              |              | VIS          | IBILITY (ST  | ATUTE MILI   | ES:          |       |              |                |               |                |              |
|-----------------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|--------------|----------------|---------------|----------------|--------------|
| FEET                  | ≥10                     | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥21/2        | ≥ 2          | ≥11/2        | ≥1¼          | ≥1           | ≥ 3,4 | ≥ 2/8        | ≥ %            | ≥ 5 16        | <b>≥</b> ‰     | ≥0           |
| NO CEILING<br>≥ 20000 | 35.7<br>71.6            | 58.2<br>75.0 | 56.2<br>75.0 |              | 58.2<br>75.0 | 58.2         | 58.2         | 58.2<br>75.0 | 58.2<br>75.0 | 50.2<br>75.0 |       | 58.2<br>75.0 | 58.2<br>75.0   | 58.2<br>75.0  | 58.2<br>75.0   | 58.2<br>75.0 |
| ≥ 18000<br>≥ 16000    | 71.9                    | 75.3         | 75.3<br>75.7 | 75.3<br>75.7 | 75.7         | 75.7         | 75.3<br>75.7 | 75.3<br>75.7 | 75.3         | 75.3         | 75.3  | 75.3         | 75.3           |               | 75.3           | 75.3         |
| ≥ 14000<br>≥ 12000    | 73.3                    | 76.6         | 76.6<br>78.9 | 76.6         | 76.6         | 76.6         | 76.6         | 76.6         | 76.6         | 76.6         | 76.6  | 76.6         | 76.6           | 76.6          | 76.6           | 76.6<br>78.9 |
| ≥ 10000<br>≥ 9000     | 79.2                    | 82.7         | H2.8         | 62.8<br>84.1 | 82.8         | 82.8         | 82.8<br>84.1 | 82.5         | 82.8         | 82.8<br>84.1 |       | 82.8         | 82.8           | _             |                | 82.8<br>84.1 |
| ≥ 8000<br>≥ 7000      | 72.7                    | 86.5         | 86.6         |              | 97.4         |              | 86.6         | 86.6<br>87.4 | 86.6         | 86.6<br>87.4 |       | 86.6         | 86.6           | 36.6          | 86.6<br>37.4   | 86.0         |
| ≥ 6000<br>≥ 5000      | 54.1<br>24.8            | 88.7         | 88.8         | • •          | 98.0         | 88.0         | 88.0         | 88.0<br>88.8 | 88.0         | 88.0         | 88.8  | 88.0         | 88.8           |               | 88.8           | 98.0<br>88.8 |
| ≥ 4500<br>≥ 4000      | *5.3                    | 89.1<br>89.7 | 89.9         | 89.3         |              | 89.3         | 89.9         | 89.3         | 89.3         | 89.3         |       | 89.3         | 89.3           |               | 89.9           | 89.3         |
| ≥ 3500<br>≥ 3000      | 5.6<br>7.0              | 90.6         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7  | 90.7         | 90.7           | 90.7          | 90.7           | 90.7         |
| ≥ 2500<br>≥ 2000      | 72.0                    | 93.2         | 93.4         | 93.4         | 97.6         | 93.4         | 93.4         | 93.4         | 93.4         | 93.4         | 93.4  | 93.4         | 93.4           | 93.4<br>97.8  | 97.6           | 93.4         |
| ≥ 1800<br>≥ 1500      | 93.3<br>93.9            | 99.0         | 34.3         | 98.4<br>99.4 | 98.4         | 96.4         | 98.6         | 98.6         | 98.6         | 98.6         | 98.6  | 98.6         | 99.6           | 98.6          | 98.6           | 98.6         |
| ≥ 1200<br>≥ 1000      | 94.1<br>94.1            | 99.2         | 99.5         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9  | 99.9         | 99.9           | 99.9<br>100.0 | 99.9           | 99.9         |
| ≥ 900<br>≥ 800        | 94.1<br>94.1            | 99.2         | 99.5         | 99.7<br>99.7 | 99.8         | 99.A         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9  | 99.9         | 100.0          | 100.0         | 100.0          | 100.0        |
| ≥ 700<br>≥ 600        | 4 + 4<br>6 + 4<br>7 + 4 | 99.2<br>99.2 | 99.5         | 99.7         | 99.8         | 99.6         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9  | 99.9         | 100.0          | 100.0         | 100.0          | 100.0        |
| ≥ 500<br>≥ 400        | 94.1                    | 99.2         | 99.5         | 99.7         | 99.8         | 99.8<br>99.8 | 99.9         | 99.9         | 99.9         | 99.9         | 99.9  | 99.9         | 100.0          |               | 100.0<br>100.0 |              |
| ≥ 300<br>≥ 200        | 94.1                    | 99.2         | 99.5         | 99.7         | 99.8         | 99.8<br>99.8 | 99.9         | 99.9         | 99.9         | 99.9         | 99.9  | 99.9<br>99.9 | 100.0<br>100.0 |               | 100.0          |              |
| ≥ 100<br>≥ 0          | 94.1                    | 99.2         | 99.5         | 99.7         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9<br>99.9 | 99.9  |              |                | 100.0         |                |              |

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC FORM O-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

100

THERETON ISLANDIPACIFIC IS

43-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 500 = 1700

| CEILING                 |              |                                       |              |              |              |              | VIS          | IBILITY (ST. | ATUTE MIL    | ES.          |              |              |              |              |                |              |
|-------------------------|--------------|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
| FEET                    | ≥10          | ≥6                                    | ≥5           | ≥ 4          | ≥3           | ≥2',         | ≥ 2          | ≥1,2         | ≥154         | ≥1           | ≥ 34         | ≥ 5/8        | ≥ 1,7        | ≥ 5/16       | ≥ 1⁄4          | ≥0           |
| NO CEILING<br>≥ 20000   | 73.3         | 58.8<br>77.7                          | 54.8<br>77.2 | 58.8         | 58.8<br>77.2 | 59.8<br>77.2 | 58.8<br>77.2 | 58.8<br>77.2 | 58.8         | 58.8<br>77.2 | 58.8<br>77.2 | 58.5<br>77.2 | 58.8<br>77.2 | 58.8<br>77.2 | 58.8           | 58.8<br>77.2 |
| ≥ 18000<br>≥ 16000      | 74.4         | 77.7                                  | 77.7         | 77.7         | 77.7<br>17.9 | 77.7         | 77.7         | 77.7         | 77.7<br>77.9 | 77.7         | 77.7<br>77.9 | 77.7         | 77.7<br>77.9 | 77.7         | 77.7           | 77.7<br>77.9 |
| ≥ 14000<br>≥ 12000      | 75.5<br>78.1 | 74.8<br>81.5                          | 74.8<br>81.5 | 78.8<br>81.5 | 78.6         | 79.8<br>81.5 | 78.8<br>81.5 | 78.8<br>81.5 | 78.8         | 78.8<br>51.5 | 78.8<br>51.5 | 78.8<br>81.5 | 78.8<br>61.5 | 78.8<br>81.5 | 78.8<br>81.5   | 78.8<br>81.5 |
| ≥ 10000<br>≥ 9000       | *1.8<br>82.8 | 85.2                                  | 85.2<br>86.4 | 85.2         | 85.2<br>86.4 |              |              | 85,2<br>86,4 | 85.2<br>86.4 | 85.2         |              | 85.2<br>86.4 | 85.2<br>86.4 | 85.2         | 35.2<br>86.4   | - 1          |
| ≥ 8000<br>≥ 7000        | -5.2         | 89.1                                  | 89.1         | 88.1         | 88.1         | 88 · 1       | 88.1         | 88.1         | 88.1         | 88.1<br>87.1 | 88.1<br>59.1 | 88.1         | 88.1<br>59.1 | 88.1<br>89.1 | 88.1           | 88.1         |
| ≥ 6000<br>≥ 5000        | 60.2         | $\rightarrow \rightarrow \rightarrow$ | 90.9         | 90.9         | 90.2         | 90.9         | 90.9         | 90.2         | 90.2         | 90.2<br>90.9 | 90.9         | 90.3         | 90.2<br>90.9 | 90.7         | 90.2           | 90.9         |
| ≥ 4500<br>≥ 4000        | 77.3<br>47.3 | 91.2                                  | 31.6         | 91.6         | 91.6         | 91.2         | 91.2<br>91.6 | 91.2         | 91.2         | 91.2         |              | 91.2         | 91.6         | 91.2<br>91.6 | 91.2<br>91.6   | 91.6         |
| ≥ 3500<br>≥ 3000        | ~8.2         | 92.4                                  | 92.4         | 92.4         | 92.4         | 92.4         | 92.1         | 92.1         | 92.1         | 92.1<br>92.4 | 92.1         | 92.1<br>92.4 | 92.1         | 92.1         | 92.1<br>92.4   | 92.4         |
| ≥ 2500<br>≥ 2000        | 40.8<br>43.5 | 95.1                                  | 95.1<br>98.1 | 95.1<br>98.1 | 95.1         | 95.1         | 95.1         | 95.1         | 95.1<br>98.2 | 95.1         | 95.1         | 95.1         | 98.2         | 95.1<br>98.2 |                | 98.2         |
| ≥ 1800<br>≥ 1500        | 34.0         | 99,6                                  |              | 98.6         | 98.7         | 98.7         | 98.7         | 98.7         | 98.7         | 98.7<br>99.8 | 98.7         | 98.7         | 98.7         |              |                |              |
| ≥ 1200<br>≥ 1000        | 94.9         | 99.7<br>99.7                          | 99.8         |              | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         |              | 99,9         | * V * * *    | 100.0        |                | 100.0        |
| ≥ 900<br>≥ 800<br>> 700 | 94.9         | 99.7                                  | 99.8         | 99.8<br>99.8 | 99.9         | 99.9         | 99.9         | 99.9         | 99,9         | 99,9         | 99.9         | 99.9         |              | 100.0        |                | 100.0        |
| ≥ 600                   | 94.9         | 99.7                                  | 99.8         | 99.8         | 99.9         |              | 99.9         | 99,9         | 99.9         | 99.9         | 99,9         | 99.9         | 100.0        | 100.0        | 100.0<br>100.0 | 100.0        |
| ≥ 500<br>≥ 400<br>≥ 300 | 94.9         | 99.7                                  | 99.8         |              | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9         | 100.0        | 100.0        | 100.0<br>100.0 | 100.0        |
| ≥ 200<br>≥ 100          | 94.9         | 99.7                                  | 99.8         | 99, H        | 99.9         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9         | 99,9         | 99,9         | 100.0        | 100.0        | 7 7 7 7        | 100.0        |
| ≥ 0                     | 94.9         | 99.7                                  |              |              | 99.9         |              | 94.9         | 99.9         | 99.9         | 99.9         |              |              | 100.0        |              |                | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC PILO4 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

JUMPS F & ISLAND PACIFIC IS

45=71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000

| CEILING                    |              |              |              |              |                      |              | VIS          | IBILITY (ST          | ATUTE MIL    | E\$:                 |                      |                      | *            |              |              |              |
|----------------------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|----------------------|--------------|----------------------|----------------------|----------------------|--------------|--------------|--------------|--------------|
| FEET                       | ≥10          | ≥6           | ≥ 5          | ≥ 4          | ≥ 3                  | ≥2'2         | ≥ 2          | ≥1'2                 | ≥1'₄         | ≥1                   | ≥ 14                 | ≥ >%                 | ≥ ⅓          | ≥5 16        | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 56.5<br>72.3 | 75.9         | 59.2<br>75.9 |              | 59.2<br>75.9         | 59.2<br>75.9 | 59.2<br>75.9 | 59.2<br>75.9         | 59.2<br>75.9 |                      | 59.2<br>75.9         | 59.2<br>75.9         | 59.2<br>75.9 |              | 59.2<br>75.9 | 59.2<br>75.9 |
| ≥ 18000<br>≥ 16000         | 72.5         | 76.2         | 76.2<br>76.3 | 76.2<br>76.3 | 70.2                 | 76.2         | 76.2         | 76.7<br>76.3         | 76.2         | 76.2                 | 76.2<br>76.3         | 76.2                 | 76.2         | 76.2<br>76.3 | 76.2         | 76.2         |
| ≥ 14000<br>≥ 12000         | 73.8<br>70.3 | 77.6<br>80,1 | 77.6<br>80.1 | 77.6<br>80.1 | 77.6<br>80.1         | 77.6         | 77.6         | 77.6                 | 77.6         | 77.6<br>80.1         | 77.6                 | 77.6<br>80.1         | 77.6         | 77.6<br>80.1 | 77.6         | 77.6<br>80.1 |
| ≥ 10000<br>≥ 9000          | 79.6         | 84.5         | 03.4         | 84.5         | 84.5                 | 83.4         | 84.5         | 84.5                 | 83.4         | 83.4                 | 83.4<br>84.5         | 83.4                 | 83.4         | 83.4         | 83.4         |              |
| ≥ 8000<br>≥ 7000           | 12.6         | 86,0<br>87,1 | 37.1         | 86.0         | 87.2                 | 87.2         | 87.2         | 86.1                 | 86.1<br>87.2 | 86.1                 | 96.1                 | 36.1<br>37.2         | 86.1         | 86.1         | P6.1         | 86.1         |
| ≥ 6000<br>≥ 5000           | 83.4         | 88,9         | 87.5         | 87.5         | 87.6                 | 87.6<br>89.0 | 87.6         | 89.0                 | 87.6         | 87.6                 | 87.6                 | 87.6                 | 87.6         | 89.0         | 87.6         | 89.0         |
| ≥ 4500<br>≥ 4000           | 5.6          | 90.0         | 90.0         | 90.0         | 90.1                 | 90.1         | 90.1         | 90.1                 | 90.1         | 90.1                 | 90.1                 | 89.4<br>90.1         | 90.1         | 89.4<br>90.1 | 83.4<br>90.1 | 90.1         |
| ≥ 3500<br>≥ 3000           | 6.4          | 90.7         | 90.7         | 90.7         | 90.7                 | 90.7         | 90.7         | 90.7<br>91.1<br>94.2 | 90.7         | 90.7<br>91.1<br>94.2 | 90.7                 | 90.7                 | 90.7         | 90.7         | 90.7         | 90.7         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 73.5         | 97.5         | 94.1<br>97.6 | 94.1         | 94.2<br>97.6<br>98.6 | 97.6         | 97.6         | 97.6                 | 94.2         | 97.6                 | 94.2<br>97.6<br>98.6 | 94.2<br>97.6<br>98.6 |              |              | 94.2         | 97.6         |
| ≥ 1500                     | 94.5         | 99.7         | 99.8         | 99.8         | 99.9                 | 99.9         | 99.9         | 99.9                 | 99.9         | 99.9                 | 99.9                 | 99.9                 | 99.9         | 99.9         | 98.6<br>99.9 | 99.7         |
| ≥ 1000                     | 94.5         | 99.8         | 99.9         | 99.9         | 99.9                 | 99.9         | 100.0        | 100.0                | 100.0        | 100.0                |                      | 100.0                | 100.0        | 100.0        |              | 100.0        |
| ≥ 800                      | 94.5         | 99.8         | 99.9         | 99.9         | 99.9                 | 99.9         | 100.0        | 100.0                | 100.0        | 100.0                | 100.0                | 100.0                | 100.0        | 100.0        |              | 100.0        |
| ≥ 500                      | 94.5         | 99.8         | 99,9         | 99.9         | 99.9                 | 99.9         | 100.0        | 100.0                | 100.0        | 100.0                | 100.0                | 100.0                | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 400                      | 94.5         | 99.8         | 99.9         | 99.9         | 99.9                 | 99.9         | 100.0        | 100.0                | 100.0        | 100.0                | 100.0                | 100.C                | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 200                      | 94.5         | 99.8         | 99.9         | 99.9         | 99.9                 | 99.9         | 100.0        | 100.0                | 100.0        | 100.0                | 100.0                | 100.0                | 100.0        | 100.0        |              | 100.0        |
| ≥ 0                        | 44.5         |              | 99.9         | 90,9         |                      | 99.9         | 100.0        | 100.0                |              |                      |                      |                      |              |              |              |              |

DATA PROCESSING "RANCH USAF ETAC AIR MEATHER SERVICE! AC

#### **CEILING VERSUS VISIBILITY**

21603

SUPPLIED ISLANDIPACIFIC IS

48=71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING               |              |              |      |              |              |              | VIS  | SIBILITY (ST.  | ATUTE MIL | ESI   |       |                |              |              |              |                |
|-----------------------|--------------|--------------|------|--------------|--------------|--------------|------|----------------|-----------|-------|-------|----------------|--------------|--------------|--------------|----------------|
| FEET                  | ≥10          | ≥6           | ≥5   | ≥ 4          | ≥3           | ≥2⅓          | ≥ 2  | ≥15            | ≥14       | ≥1    | ≥ ⅓4  | ≥ 3/8          | ≥ 1/2        | ≥ 5/16       | ≥ 1/4        | ≥0             |
| NO CEILING<br>≥ 20000 | 77.3         | 71.7         | 71.7 | 71.7         | 71.7<br>91.4 | 71.7         | 71.7 | 71.7           | 71.7      | 71.7  |       | 71.7           | 71.7<br>91.4 | 71.7<br>81.4 | 71.7         | 71.7<br>81.4   |
| ≥ 18000<br>≥ 16000    | 77.5         | 81.5<br>51.7 | 81.0 | 81.6         | 91.6<br>81.7 | 81.6         | 81.6 | 81.5<br>81.7   | 81.6      | 81.6  | 81.0  | 81.5           | 81.6         | 81.6         | 81.6<br>81.7 | 81.6           |
| ≥ 14000<br>≥ 12000    | 78.5         | 82.6<br>64.8 | 82.6 | 82.6         |              | 82.6         | 82.6 | 82.6           | 84.9      | 82.6  |       | 82.5           | 84.9         | 84.9         |              | 87.6           |
| ≥ 10000<br>≥ 9000     | 12.4         | 86.6<br>87.5 | 96.7 |              | 87.0         | 86.7<br>87.4 | P6.7 | 95.7<br>87.6   | 86.7      | 85.7  | 87.6  | 86.7           | 87.6         | 86.7         | 86.7         | 86.7           |
| ≥ 8000<br>≥ 7000      | 54.3         | 88.9<br>89.7 | 89.0 | 89.0         | 89.0         | 89.0         | 89.0 | 89.0           | 89.8      |       | 89.0  | 89.0           | 89.0         |              | 89.0         | 89.0           |
| ≥ 6000<br>≥ 5000      | 16.4         | 90.2         | 90.2 | 90.7         |              | 90.2         | 90.2 |                | 90.2      | 90.2  | 90.2  | 90.2           | 90.2         | 90.2         | 90.2         | 90.2           |
| ≥ 4500<br>≥ 4000      | 87.1         | 91.9<br>92.1 | 92.0 | 92.0<br>92.1 | 92.0         | 92.0         | 92.0 | 92.0           | 92.0      |       |       |                | 92.0         |              |              | 92.0           |
| ≥ 3500<br>≥ 3000      | 7.6          | 97.5         | 92.6 |              |              | 92.6         | 92.6 |                | 92.6      |       |       | 92.6           | 92.6         |              | 92.6         | 1              |
| ≥ 2500<br>≥ 2000      | 9.5          | 94.7         | 94.8 |              |              | 94.8         | 94.8 | 94.8           |           | 94.8  | 94.8  | 94.8           | 94.8         | 94.8         | 94.5         | 94.8           |
| ≥ 1800<br>≥ 1500      | 93.1         | 93.9         | 99.1 | 99.1         | 99.2         | 99.2         | 99.2 | 99.2           | 99.2      | 99.2  | 99.2  | 99.7           | 99.2         | 99.2         | 99.2         | 99.2           |
| ≥ 1200<br>≥ 1000      | 93.6         |              | 99.7 | 99.8<br>99.8 |              | 99.9         | 99.9 | 1   1          | 99.9      |       |       | 99.9           |              | 99,9         | 99.9         |                |
| ≥ 900<br>≥ 800        | 9.6          |              | 99.7 | 99.8<br>99.8 | 99.9         | 99.9         | 99.9 | 99.9           | 99.9      |       |       | 99.9           |              | 99.9         | 99.9         | 1 1 1          |
| ≥ 700<br>≥ 600        | 93.6<br>93.0 | -            | 99.7 | 99.8<br>99.8 |              | 99.9         | 99.9 | 99,9           | 99.9      | 99.9  | 1     | 99.9           | 99.9         | 99.9         | 99.9         |                |
| ≥ 500<br>≥ 400        | 3.6          | 99.5         | 99.7 | 99.8<br>99.8 | 1 7 7 7      | 00.0<br>00.0 | 99.9 |                | 99.9      | 99.9  | 99.9  | 99.9           | 99.9         | 99.9         | 99.9         |                |
| ≥ 300<br>≥ 200        | 93.6         | 99.5         | 99.7 | 99,A         | 99.9         | 99.9         |      | 100.0          | 100.0     | 100.0 |       | 100.0<br>100.0 |              | 100.0        |              | 100.0<br>100.0 |
| ≥ 100<br>≥ 0          | 93.6         |              | 99.7 | 99.8<br>99.8 |              |              |      | 100.0<br>100.0 |           |       | 100.0 |                | 100.0        |              |              | 100.0          |

USAF ETAC 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAL AIR FEAT IER SERVICE/MAC

#### **CEILING VERSUS VISIBILITY**

21693

JUMPST IN TELANO PACIFIC IS

48-71

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING               |               |              |              |              |   |              | VIS          | BILITY (ST   | ATUTE MIL    | ES)          |              |              |              |                       |              |               |
|-----------------------|---------------|--------------|--------------|--------------|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------------------|--------------|---------------|
| FEET                  | ≥10           | ≥6           | ≥ 5          | ≥ 4          | ≥3                                      | ≥2:          | ≥ 2          | ≥1%          | ≥1%          | ≥1           | ≥ ¾          | ≥ 3/8        | ≥%           | ≥ 5/16                | ≥¼           | ≥0            |
| NO CEILING<br>≥ 20000 | 74.2          | 67.3<br>78.5 | 57.3<br>78.6 |              |   | 67.3         | 67.3<br>78.6 | 67.3         | 67.3         | 67.3<br>78.6 |              |              |              |                       | 67.3         |               |
| ≥ 18000<br>≥ 16000    | 74.7          | 79.0         | 79.1         | 79.1<br>79.2 | 79.1                                    | 79.1<br>79.2 | 79.1         | 79.1         | 79.1         | 79.1<br>79.2 | 79.1<br>79.2 | 79.1         | 79.1<br>79.2 | 79.1                  | 79.1         | 79.1<br>79.2  |
| ≥ 14000<br>≥ 12000    | 75.7          | 80.1         | 80.1<br>82.0 | 87.1<br>32.0 | 90.1<br>82.0                            | 50.1<br>82.0 | 80.1         | 60.1<br>62.1 | 80.1<br>82.1 | 80.1<br>82.1 | 80.1<br>82.1 | 80.1<br>82.1 | 80.1<br>82.1 | 80.1<br>82.1          | 80.1<br>82.1 | 80.1<br>82.1  |
| ≥ 10000<br>≥ 9000     | 79.1          | 83.5         | R 4.4        | 87.6         | 83.6                                    | 63.6<br>54.4 | 63.7<br>84.6 | 83.7         | 84.6         | 83.7<br>84.6 | 83.7         | 83.7<br>84.6 | 83.7<br>84.6 | 83.7<br>84.6          | 83.7<br>84.6 | 83.7          |
| ≥ 8000<br>≥ 7000      | h1.6<br>1.2.5 | 85.3<br>87.5 |              | 86.4<br>87.8 | 86.4                                    | 87.8         | 86.0         | 66.6<br>88.0 | 86.6         | 86.6<br>88.0 | 86.6<br>88.0 | 86.6<br>88.0 | 86.6         |                       | 86.6<br>88.0 | 86.6          |
| ≥ 6000<br>≥ 5000      | ن.وء<br>و.ود  | 88.0<br>88.9 | 84.1         | 88.1<br>89.0 | 88.1                                    | 88.1         | 88.3         | 88.3         | 88.3         | 88.3         | 88.3<br>89.2 | 88.3         | 88.3<br>89.2 | 88.3<br>89.2          | 88.2         | 88.3          |
| ≥ 4500<br>≥ 4000      | 4.4.2         | 89.8         | 9.3<br>90.1  | 89.3<br>90.1 | 89.3<br>90.1                            | 89.3<br>90.1 | 89.5<br>90.3 | 89.5<br>90.3 | 89.5<br>90.3 | 89.5<br>90.3 | 89.5         | 89.5<br>90.3 | 89.5<br>90.3 | 89.5<br>90.3          | 90.3         |               |
| ≥ 3500<br>≥ 3000      | 15.7          | 90.3<br>90.8 | 90.6         | 90.6<br>91.1 | 90.6<br>91.1                            | 90.6         | 90.8<br>91.3 | 90.8<br>91.3 | 90.8         | 90.8<br>91.3 | 90.8<br>91.3 | 90.8<br>91.3 | 90.8<br>91.3 | 90.8                  | 90.8         | 90.8<br>91.3  |
| ≥ 2500<br>≥ 2000      | 60.7          | 91.9         | 90.4         | 96.5         | ~ 0.00                                  | 92.2         | 92.4         | 92.4         | 92.4         | 92.4<br>96.7 | 92.4         | 92.4         | 92.4         | 92.4                  | 92.4         | 92.4<br>96.7  |
| ≥ 1800<br>≥ 1500      | 1.7           | 99,3         | 97.8<br>98.7 | 98.B         |   | 97.9         | 99.1         | 98.1         | 98.1         | 96.2         | 98.2<br>99.2 | 98.2         | 98.2         | 98.2<br>9 <b>9.</b> 2 | 98.2         | 99.2          |
| ≥ 1200<br>≥ 1000      | (5.0)         | 98.3         | 99.0         | 99.1         | 98.9                                    | 98.9         | 99.1         | 99,1         | 99.1         | 99.2         | 99.5         | 99.7         | 99.2         | 99.2                  | 99.2         |               |
| ≥ 900<br>≥ 800        | 92.1          | 90.5         | 99.1         | 99.1         | 99.2                                    | 99.2         | 99.4         | 99.4         | 99.4         | 99.5         | 99.5         | 99.5         | 99.5         | 99.5                  | 99.5         | 99 R          |
| ≥ 700<br>≥ 600        | 45.1          | 99.6         | 99.1         | 99.2         | 99.4                                    | 99.4         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7         | 99.8         | 99.5                  | 99.8         |               |
| ≥ 500<br>≥ 400        | 45.1          | 98.6         | 99.1         | 99.3         | - · · · · · · · · · · · · · · · · · · · | 99.5         | 99.7         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9                  |              | 99.9          |
| ≥ 300<br>≥ 200        | 92.1          | 95.6         | 99.1         | 99.3         |   | 99.5         | 99.7         | 99,7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9                  | 99,9         | 99,9          |
| ≥ 100 ≥ 0             | 72.1          | 98.4         | 99.1         | 99.3         | 99.5                                    | 99.5         | 99.7         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9                  |              | 99.9<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC - FORM - 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2 []

SAF ETAS MIR EAT ER SERVICEZ MC

### CEILING VERSUS VISIBILITY

2160 T

THEMS IN ISLANDING PACIFIC IS

48-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0500

| CEILING                 |              |              |              |              |              |              | VIS          | BILITY (STA  | ATUTE MIL | ESI          |                  |              |              |              |       |              |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|------------------|--------------|--------------|--------------|-------|--------------|
| FEET                    | ≥10          | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2'7         | ≥ 2          | ≥1'2         | ≥15       | ≥1           | ≥ 1 <sub>4</sub> | ≥ %          | ≥%           | ≥ 5/16       | ≥ ¼   | ≥0           |
| NO CEILING<br>≥ 20000   | 72,2         | 68.0<br>77.0 | 58.1<br>77.0 | 68.1<br>77.0 |              | 68.1<br>77.0 | 68.1<br>77.0 | 68.1<br>77.0 | 68.1      |              |                  | 68.1         | 68.1<br>77.0 |              |       | 68.1<br>77.0 |
| ≥ 18000<br>≥ 16000      | 73.0         |              | 77.5         | 77.5         | 77.5         | 77.5         | 77.5         | 77.5         | 77.5      | 77.5         | 77.5             | 77.5         | 77.5<br>77.5 | 77.5         | 77.5  | 77.5         |
| ≥ 14000<br>≥ 12000      | 73.5         |              | 77.9         | 77.9         | 77.9<br>80.5 | 77.9<br>86.5 | 77.9<br>80.5 | 77.9         | 77.9      | 77.9<br>80.5 | 77.9             | 77.9         | 77.9         | 77.9<br>80.5 | 77.9  | 77.9         |
| ≥ 10000<br>≥ 9000       | 77.5         | 1 1          | 62.2<br>83.0 | 82.2<br>83.0 | 82.2<br>83.0 | 82.2<br>83.0 | 82.2         | 82.2<br>93.0 | 82.2      | 82.2<br>83.0 |                  | 82.2<br>83.0 | 82.2<br>83.0 |              |       | 82.2<br>83.0 |
| ≥ 8000<br>≥ 7000        | 80.1<br>81.8 |              | 84.8         | 84.8<br>80.9 | 84.8         | 84.8         | 84.8         | 54.8<br>86.9 | 84.8      | 86.9         | 84.8             | 84.8<br>86.9 |              | 84.8<br>86.9 |       | 84.8<br>86.9 |
| ≥ 6000<br>≥ 5000        | 53.3         |              | 87.3         | 87.3<br>88.5 | 87.3         | 87.3         | 87.3         | 87.3<br>88.5 | 87.3      | 88,5         | 88,5             | 87.3         | 87.3<br>88,5 | 87.3         | , , , | 87.3         |
| ≥ 4500<br>≥ 4000        | #3.9         | <del></del>  | 90.2         | 90.2         | 89.3<br>90.2 | 89.3<br>90.2 | 89.3         | 89.3<br>90.3 | 90.3      | 90.3         | 90.3             | 89.3<br>90.3 | 90.3         | 90.3         | 90.3  | 89.3         |
| ≥ 3500<br>≥ 3000        | 15.4         | 91.2         | 90.9         | 91.3         | 90.9         | 90.9         | 91.0         | 91.3         | 91.3      | 91.3         | 91.0             | 91.0         | 91.0         | 91.0         | 91.3  | 91.0         |
| ≥ 2500<br>≥ 2000        | 00.8         | 96.6         |              | 92.3         | 92.3         | 92.3<br>96.8 | 92.3         | 96,9         | 92.3      | 92.3         | 96,9             | 92.3         | 92.3         | 92.3         | 92.3  | 96.9         |
| ≥ 1800<br>≥ 1500        | 92.2         | 94.8         | 94.2         | 98.9         | 99.0         | 98.4         | 99,1         | 98.4         | 98.4      | 98.4         | 98.4             | 98.4         | 98.4         | 98.4         | 96.4  | 99.2         |
| ≥ 1200                  | 92.5<br>92.5 | 99.0         | 99.0<br>99.2 | 99,2         |              | 99.3         | 99.2         | 99.6         | 99.5      | 99.3         | 99.7             | 99.7         | 99.3         | 99,7         | 99.3  | 99,7         |
| ≥ 900<br>≥ 800          | 92.5         | 99.0         | 99.2         | 99.2<br>99.2 |              | 99.3         | 99.5         | 99.6         | 99.6      | 99.7         | 99.7             | 99.7         | 99.7         | 99.7         | 99.7  | 99.7         |
| ≥ 700<br>≥ 600<br>≥ 500 | 92.5         | 99.1         | 99.2         | 99.2         |              | 99.4         | 99.6         | 99.7         | 99.7      | 99.7         | 99.7<br>99.7     | 99.7<br>99.7 | 99.7         | 99.7<br>99.8 | 99.8  | 99.7<br>99.3 |
| ≥ 400                   | 42.5         | 99.1         | 99.2         | 99.2         | 99.4         | 99.4         | 99.6         | 99.7         | 99.7      | 99.7         | 99.7             | 99.7         | 99.8         | 99.8         | 99.9  | 99.9         |
| ≥ 200                   | 92.5         | 99.1         | 99.2         | 99.2         | 99.4         | 99.4         | 99.6         | 99.7         | 99.7      | 99.8         | 99.8             | 99.8         | 99.9         | 99.9         | 99.9  | 99.9         |
| ≥ 0                     | 92.5         | ,            | 99.2         |              |              | 99.4         | 99.6         |              | 99.7      | - 1          |                  |              |              |              |       | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC | FORM | 0-14-5 (OL 1) | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING FRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

JUHNSTEN ISLAND/PACIFIC IS

48-71

0400-0400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING    | _           |      |      |      |             |      | VISI   | BILITY (ST. | ATUTE MILE | :S:   |       |         |         |        |       |       |
|------------|-------------|------|------|------|-------------|------|--------|-------------|------------|-------|-------|---------|---------|--------|-------|-------|
| (FEET)     | <del></del> |      |      |      | <del></del> |      |        |             | —          |       |       |         |         |        |       |       |
|            | ≥10         | ≥6   | ≥5   | ≥4   | ≥3          | ≥2'י | ≥2     | ון≲         | ≥14        | ≥ı    | ≥ ¾   | ≥%      | ≥ ⅓     | ≥ 5/16 | ≥¼    | ≥0    |
| NO CEILING | 53.4        | 56.3 | 56.3 | 56.3 | 56.3        | 56.3 | 56.3   | 56.3        | 56.3       | 56.3  | 56.3  | 56.3    | 56.3    | 56.3   | 56.3  | 56.3  |
| ≥ 20000    | 69.3        | 72.7 | 72.8 | 72.8 | 72.8        | 72 N | 72.8   | 72.3        | 72.8       | 72.8  | 72.8  |         |         | 72.5   | 72.8  |       |
| ≥ 18000    | 69.0        | 73.1 | 73.1 | 73.1 | 73.1        | 73.1 | 73.1   | 73.1        | 73.1       | 73.1  | 73.1  | 73.1    | 73.1    | 73.1   | 73.1  | 73.1  |
| ≥ 16000    | 69.9        | 73.3 | 73.3 | 73.3 | 73.3        | 73.3 | 73.3   | 73.3        | 73.3       | 73.3  | 73.3  | 73.3    | 73.3    | 73.3   | 73.3  | 73.3  |
| ≥ 14000    | 70.7        | 74.2 | 74.2 | 74.2 | 74.2        | 74.2 | 74.2   | 74.2        | 74.2       | 74.2  | 74.2  | 74.2    | 74.2    | 74.2   | 74.2  | 74.2  |
| ≥ 12000    | 73.1        | 70.7 | 76.7 | 76.8 | 76.3        | 76.8 | 76.8   | 76.8        | 76.8       | 76.8  | 76.8  | 76.8    | 76.0    | 76.8   | 76.6  | 76.8  |
| ≥ 10000    | 75.9        | 79.6 | 79.0 | 79.7 | 79.7        | 79.7 | 79.7   | 79.7        | 79.7       | 79.7  | 79.7  | 79.7    | 79.7    | 79.7   | 79.7  |       |
| ≥ 9000     | 77.0        | 80.7 | 80.7 | 80.8 | 80.8        | 80.8 | 80.8   | 80.8        | 30.8       | 80.8  | 80.8  | 80.2    | 80.8    | ao. a  | 86.8  | 80.9  |
| ≥ 8000     | 79.2        | 83.0 | 83.0 | 83.0 | 83.0        | 63.0 | ٥. د ۲ | 43,0        | 83.0       | 83,0  | 83.0  | 83.0    | 83.0    | 83,6   | 83.0  | 83.0  |
| ≥ 7000     | P G . 4     | 84.3 | 84.3 | 34.3 | 84.3        | 84.3 | 84.3   | 84.3        | 84.3       | 84.3  | 84.3  | 84.3    | 84.3    | 84.3   | 84.3  | 84.3  |
| ≥ 6000     | 11.3        | 85.2 | 85.2 | 85.2 | 85.2        | 85.2 | 85.2   | 85.2        | A5.2       | 85.2  | 85.2  | 85.2    | 85.2    | 85.2   | P5.2  | 85,2  |
| ≥ 5000     | 47.9        | 86.8 | 86.5 | 86.9 | 86.9        | 86.9 | 80.9   | 86.9        | 86.9       | 85.9  | 86.9  | 86.9    | 36.9    | 86.9   | 96.9  | 86.9  |
| ≥ 4500     | 63.4        | 87.3 | 87.3 | 87.4 | 87.4        | 87.4 | 87.4   | 87.4        | 87.4       | 87.4  | 67.4  | 87.4    | 87.4    | 87.4   | 87.4  |       |
| ≥ 4000     | 34,5        | 68.8 | 88.9 | 88.9 | 88.9        | 88.9 | 88.9   | 88.9        | 88.9       | 68.9  | 88.9  | 88.9    | 88.9    | 88.9   | 86.9  | 88.9  |
| ≥ 3500     | 5.2         | 89.5 | 89.6 | 89.7 | 89.7        | 89.7 | 89.7   | 89.7        | 89.7       | 89.7  | 89.7  | 89.7    | 89.7    | 89.7   | 89.7  | 89.7  |
| ≥ 3000     | 35.8        | 90.1 | 90.2 | 90.2 | 90.2        | 90.2 | 90.2   | 90.2        | 90.2       | 90.2  | 90.2  | 90.2    | 90.2    | 90.2   | 90.2  | 90.2  |
| ≥ 2500     | : 7.5       | 91.8 | 91.9 | 92.0 | 92.0        | 92.0 | 92.0   | 92.0        | 92.0       | 92.0  | 92.0  | 92.0    | 32.0    | 92.0   | 92.0  | 92.0  |
| ≥ 2000     | 90.9        | 96.0 | 90.4 | 96.4 | 96.4        | 96.4 | 96.5   | 96.6        | 96.6       | 96.6  | 96.6  | 96.6    | 96.6    | 96.6   | 96.6  | 96.6  |
| ≥ 1800     | 91.9        | 97.1 | 97.4 | 97.5 | 97.5        | 97.5 | 97.5   | 97.6        | 97.6       | 97.6  | 97.6  | 97.6    | 97.6    | 97,6   | 97.6  | 97.0  |
| ≥ 1500     | 92.8        | 98,3 | 98.6 | 98.8 | 98.8        | 98.8 | 98.8   | 99.0        | 99.0       | 99.0  | 99.0  | 99.0    | 99.a    | 99.0   | 99,0  | 99.0  |
| ≥ 1200     | 92.9        | 93.4 | 48.8 | 99.0 | 99.0        | 99.C | 29.1   | 99.3        | 99.3       | 99.3  | 99.3  | 99.3    | 99.3    | 99.3   | 99,3  | 99.3  |
| ≥ 1000     | 46.9        | 93.6 | 99,0 | 99.2 | 99.3        | 99.3 | 99,4   | 99.5        | 99.6       | 99.9  | 99,9  | 99.9    | 99,9    | 99.9   | 99.9  | 99,9  |
| ≥ 900      | 92.9        | 45.6 | 99.0 | 99.2 | 99,3        | 99.3 | 99.4   | 99.6        | 99.6       | 99.9  | 99.9  | 99.9    | 99.9    | 99.9   | 99.9  | 99,9  |
| ≥ 800      | 42.9        | 99.5 | 99,0 | 99.2 | 99.3        | 99.3 | 99.4   | 99.6        | 99.6       | 99.9  | 99,9  | 99.9    | 99.9    | 99.9   | 99,9  | 99,9  |
| ≥ 700      | 42.9        | 98.0 | 99.1 | 99.3 | 99.3        | 99.3 | 99.5   | 99.7        | 99.7       | 100.d | 100.0 | 100.d   | 100.0   | 100.d  | 100.0 | 100.0 |
| ≥ 600      | 92.9        | 98.6 | 99.1 | 99,3 | 99.3        | 99.3 | 99.5   | 99,7        | 99.7       | 100.0 | 100.0 | 100.C   | 100 · 0 | 100.0  | 100.0 | 100.0 |
| ≥ 500      | 42.9        | 96.6 | 99.1 | 99.3 | 99.3        | 99.3 | 99.5   | 99.7        | 99.7       | 100.0 | 100.0 | 100.0   | 100.0   | 100.d  | 100.0 | 100,0 |
| ≥ 400      | 35.9        | 98.6 | 99.1 | 99,3 | 99.3        | 99.3 | 99.5   | 99.7        | 99.7       | 100.d | 100.0 | 100 · d | 100 · d | 100.0  | 100.0 | 100.0 |
| ≥ 300      | 92.9        | 98.6 | 99.1 | 99,3 | 99.3        | 99.3 | 99,5   | 99,7        | 99.7       | 100.0 | 100.0 | 100.0   | 100.d   | 100.0  | 100.0 | 100.0 |
| ≥ 200      | 92.9        | 90.6 | 99.1 | 99,3 | 99.3        | 99,3 | 99,5   | 99.7        | 99,7       | 100.0 | 100.0 | 100.a   | 100.0   | 100.0  | 100.0 | 100.0 |
| ≥ 100      | 92.9        | 98.6 | 99.1 | 99.3 | 99.3        | 99.3 | 99.5   | 99.7        | 99.7       | 100.0 | 100.0 | 100.0   | 100.d   | 100.0  | 100.0 | 100.0 |
| ≥ 0        | 92.9        | 98.6 | 99.1 | 99.3 | 99.3        | 99.3 | 99.5   | 99,7        | 99.7       | 100.d | 100.0 | 100.0   | 100.d   | 100 a  | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# **CEILING VERSUS VISIBILITY**

216.)

JE METTE ISLAND / PACIFIC IS

48-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- 1100 - 1100

| CEILING                    |              |              |              |      |              |                      | VIS          | IBILITY (STA | ATUTE MIL    | ES)                  |                      |                      |                      |                      |                      |              |
|----------------------------|--------------|--------------|--------------|------|--------------|----------------------|--------------|--------------|--------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------|
| FEET                       | ≥10          | ≥6           | ≥ 5          | ≥ 4  | ≥ 3          | ≥2%                  | ≥ 2          | ≥1%          | ≥114         | ≥1                   | ≥ ¾                  | ≥ ⅓                  | ≥%                   | ≥ 5/16               | ≥¼                   | ≥0           |
| NO CEILING<br>≥ 20000      | 75.2         | 76.1         | 58.2<br>76.1 | 76.1 | 58.2<br>76.1 | 58.2<br>76.1         | 58.2<br>74.1 | 58.7<br>76.1 | 58.2<br>76.1 | 58.7<br>76.1         | 58.2<br>76.1         | 58.2<br>76.1         | 50.2<br>76.1         | 58.2<br>76.1         | 56.2<br>76.1         | 58.2<br>76.1 |
| ≥ 18000<br>≥ 16000         | 72.9<br>73.1 | 76.3<br>76.5 | 76.3<br>76.5 | 76.5 | 76.3         | 76.3                 | 76.3<br>76.5 | 76.3         | 76.3<br>76.5 | 76.3<br>76.5         | 76.3                 | 76.3<br>76.5         | 70.3<br>76.5         | 76.3<br>76.5         | 76.3<br>76.5         | 76.3<br>76.5 |
| ≥ 14000<br>≥ 12000         | 75.0<br>77.0 | 78.5<br>80.6 | 78.5<br>80.6 | 80.6 | 78.5         | 78.5                 | 78.5<br>80.6 | 78.5         | 78.5         |                      | 78.5<br>80.6         | 78.5                 | 70.5<br>80.6         | 78.5<br>80.6         | 78.5                 | 78.5<br>80.6 |
| ≥ 10000<br>≥ 9000          | 31.5         | 84.2<br>85.2 | 34.2<br>85.2 | 85 2 | 84.2         | 84.2                 | 84.2         | 84.2         | 84.2         | 84.2<br>85.2         | 84.2                 | 84.2<br>85.2         | 85.2                 | 84.2<br>85.2         | 84.2                 | 84.2         |
| ≥ 8000<br>≥ 7000           | 83.9         | 87.5<br>88.4 | 88.4         | 88,4 | 98.4         | 87.6                 | 88.4         | 88.4         | 87.6         | 87.6                 | 88.4                 | 87.6                 | 88.4                 | 88.4                 | 88.4                 | 87.6         |
| ≥ 6000<br>≥ 5000           | 5.0<br>6.5   | 90.4         | 70.4         |      | 90.4         | 88.7<br>90.4         | 90.4         | 90.4         | 90.4         | 88.7<br>90.4         | 90.4                 | 90.4                 | 90.4                 | 90.4                 | 90.4                 | 90.4         |
| ≥ 4500<br>≥ 4000           | 96.8<br>57.8 | 90.8<br>91.9 | 90.8         | 91.9 | 90.8         | 90.8                 | 90.8         | 90.8         | 90.8         | 90.8                 | 90.8                 | 90.8                 | 91.9                 | 90.8<br>91.9         | 90.6                 | 90.8         |
| ≥ 3500<br>≥ 3000           | 88.8<br>9.5  | 92.9         | 93.0         | 93.0 | 93.0         | 92.5                 | 93.0         | 93.0         | 92.5         | 93.0                 | 92.5                 | 93.0                 | 93.0                 | 93.0                 | 92.5                 | 92.5         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 92.9         | 97.3         | 97.6         |      | 93.8         | 93.8<br>97.8<br>98.2 | 97.8         | 93.8         | 93.8         | 93.8<br>97.8<br>98.2 | 93.8<br>97.8<br>98.2 | 93.8<br>97.8<br>98.2 | 93.8<br>97.8<br>98.2 | 93.8<br>97.8<br>98.2 | 93.8<br>97.8<br>98.2 | 97.8<br>98.2 |
| ≥ 1500<br>≥ 1200           | 74.0         | 98.6         | 99.0         | 99.2 | 99.2         | 99.7                 | 99.2         | 99.2         | 99.2         | 99.2                 | 99.2                 | 99,2                 | 99.3                 | 99.5                 | 99.3                 | 99.3         |
| ≥ 1000                     | 94.0         | 98.8         | 99.3         | 99.5 | 99.6         | 99.6                 | 99.7         | 99.7         | 99.7         | 99.7                 | 99.7                 | 99.7                 | 99.9                 | 99,9                 | 99.9                 | 99,9         |
| ≥ 800<br>≥ 700             | 94.0         | 98.9         | 99.4         | 99.6 | 99.7         | 99.7                 | 99.8         | 99.8         | 99.8         | 99.9                 | 99.9                 | 99,9                 | 100.0                | 100.0                | 100.0                | 100.0        |
| ≥ 600                      | 94.0         | 98.9         | 99.4         | 99.6 | 99.7         | 99.7                 | 99.8         | 99.8         | 99.8         | 99.9                 | 99.9                 | 99.9                 | 100.0                | 100.0                |                      | 100.0        |
| ≥ 400                      | 94.0         | 98.9<br>98.9 | 99.4         | 99,6 | 99.7         | 99.7                 | 99.8         | 99,8         | 99.8         | 99.9                 | 99.9                 | 99.9                 | 100.0                | 100.0                | 100.0                | 100.0        |
| ≥ 200                      | 94.0         | 98,9         | 99.4         | 99.6 | 99.7         | 99.7                 | 99.8         | 99.8         | 99.8         | 99,9                 | 99.9                 | 99.9                 | 100.0                | 100.0                | 100.0                | 100.0        |
| ≥ 0                        | 94.0         | 98,9         | 99.4         | 99,6 | 99.7         | 99.7                 | 99.8         | 99,8         | 99.8         | 99,9                 | 99.9                 | 99,9                 | 100.0                | 100.0                | 100.0                | 100.0        |

TOTAL NUMBER OF OBSERVATIONS...

1537

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PROCESSING BRANCH USAF ETAC AIR EATHER SERVICE/MAC

#### CEILING VERSUS VISIBILITY

21003

JUNNSTON ISLANO PACIFIC IS

48-71

1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING 5ñ.8 58.8 77.5 58.8 58.8 58.8 58.8 58. ≥ 20000 77.5 77.5 77.5 77.8 77.6 77.8 77.5 77.5 77.5 ≥ 18000 ≥ 16000 78.1 ≥ 14000 ≥ 12000 79.1 79.1 79.1 79.1 79.2 79.2 82.2 82.2 62.2 82.2 82.2 85.4 85.4 85.4 85.4 85.4 86.1 86.1 86.1 86.1 86.1 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 ≥ 6000 ≥ 5000 56.4 91.1 91.1 56.4 91.3 91.3 ≥ 4500 ≥ 4000 92.1 92.1 ≥ 3500 ≥ 3000 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 900 800 99.4 99.4 99.7 99.7 99.7 99.9 99.9 99.9100.d100.d100.d100.d 99.4 99.4 99.7 99.7 99.7 99.9 99.9 99.9100.d100.d100.d100.d 99.4 99.4 99.7 99.7 99.7 99.9 99.9 99.9100.d100.d100.d100.d 99.4 99.4 99.7 99.7 99.7 99.9 99.9 99.9100.d100.d100.d100.d100.d 99.4 99.4 99.7 99.7 99.7 99.9 99.9 99.9100.d100.d100.d100.d 99.4 99.4 99.7 99.7 99.7 99.9 99.9 99.9100.d100.d100.d100.d 94.9 600 98.8 98.9 500 99,1 93.9 300 200 93.5 98.9 99.1 99.7 99.9100.d100.d100.d100.d 99,4 99.7 99.7 99.9 99.9 99.9100.0100.0100.0100.0 99.7 99.7 99.9 99.9 99.9100.0100.0100.0100.0 98. 99 100 98.9 99.1 99.4 99.4

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

SATA PROCESSING -- RANGE USAF ETAL AIR EATHER TERVICEZAGE

### CEILING VERSUS VISIBILITY

JE -NOT N ISLAHO PACIFIC IS

64-71

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING                    |               |              |                      |              | `    |              | VIS          | IBILITY (STA | ATUTE MIL    | ESı          | _            |              |              |              |              |              |
|----------------------------|---------------|--------------|----------------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                       | ≥10           | ≥6           | ≥5                   | ≥ 4          | ≥3   | ≥21,         | ≥ 2          | ≥11/2        | ≥114         | ≥1           | ≥ ¾          | ≥ 5/8        | ≥ ⅓          | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | `2.2<br>71.0  | 55.0<br>75.4 | 55.0<br>75.4         | 55.0<br>75.4 |      | 55.C<br>75.4 | 55.0<br>75.4 |
| ≥ 18000<br>≥ 16000         | 72.0          | 75.9<br>76.4 | 75.9<br>76.4         | 75.9         | 75.9 | 75.9<br>76.4 | 75.9         | 75.9<br>76.4 | 75.9<br>76.4 | 75.9<br>76.4 | 75.9         | 75.9         | 75.9         | 75.9<br>76.4 | 75.9         | 75.9<br>76.4 |
| ≥ 14000<br>≥ 12000         | 74.0          | 77.8<br>80.5 | 77.8<br>80.5         | 77.8         | 77.8 | 77.3<br>d0.5 | 77.8         | 77.9         | 77.8         | 77.3<br>80.5 | 77.8         | 77.8         | 77.8         | 77.8         | 77.8         | 77.8<br>80.5 |
| ≥ 10000                    | 10.1          | 84.2         | 84.2                 | 85,4         | 84.2 | 84.2         | 84.2         | 84.2         | 84.2         | 84.2<br>85.4 | 84.2<br>85.4 | 84.2         |              | 84.2<br>85.4 | 84.2<br>85.4 | 85.4         |
| ≥ 8000<br>≥ 7000           | #3.9          | 87.4         | 37.5<br>86.4         | 87,5         | 87.5 | 88.4         | 87.5         | 87.5         | 87.5         | 87,5         | 88.4         | 87.5<br>88.4 | 88.4         | 87.5         | 87.5         | 88.4         |
| ≥ 6000<br>≥ 5000           | -5.9          | 90.5         | 90.7                 | 90,7         | 90.7 | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 88.9<br>90.7 | 90.7         | 88.9<br>90.7 | 90.7         | 90.7         |
| ≥ 4500<br>≥ 4000           | 17.2          | 91.0         | 91.2                 | 91.2         | 92.3 | 91.2         | 91.2         | 91.2         | 91.2         | 91.2         | 91.2         | 91.2         | 91.2         | 91.2         | 91.2         | 91.2         |
| ≥ 3500<br>≥ 3000           | 57.5<br>58.0  | 92.9         | 92.6                 | 92.6         | 93.1 | 92.7         | 92.7         | 93,2         | 92.7         | 92.7         | 93.7         | 92.7         | 92.7         | 92.7         | 92.7         | 92.7         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 9.4<br>92.0   | 97.5         | 94.5<br>97.8<br>98.4 | 94.6         | 97.9 | 94.7         | 98.1         | 94.8<br>98.1 | 98.1         | 98.2         | 94.8<br>98.2 | 94,8         | 94.6<br>98.2 | 94.8         | 94.6<br>98.2 | 94.8<br>98.8 |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 92.8          | 98.6         | 99.0                 | 99.1         | 99.2 | 98.5         | 99.5         | 99.6         | 99.6         | 98.8         | 99.7         | 98.8         | 99.7         | 98.8<br>99.7 | 99.7         | 99.7         |
| ≥ 1000                     | 72.6          | 99.7         | 99.2                 | 99.2         | 99.3 | 99.3         | 99.6         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 800                      | 92.8          | 94.7         | 99.2                 | 99.3         | 99.4 | 99.4         | 99.7         | 99.9         | 99.9         | 99,9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 600                      | 92.8          | 98.7         | 99.2                 | 99,3         | 99.4 | 99.4         | 99.7         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 100.0        | 100-0        | 100.0        | 100.0        |
| ≥ 400                      | 92.8          | 98.7         | 99.2                 | 99.3         | 99.4 | 99.4         | 99.7         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 200                      | 92.6          | 98.7         | 99.2                 | 99.3         | 99.4 | 99.4         | 99.7         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 100.0        |              | 100 · C      | 100.0        |
| ≥ 0                        | \$2. <b>6</b> | 98.7         | 99.2                 | 99.3         | 99.4 | 99.4         | 99.7         | 99.9         | 99,9         | 99.9         | 99.9         |              |              | 100.0        | 1            |              |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

USAF ETAC FORM O-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROFESSING PRANCH USAF ETAS AIR AEATHER SERVICE/HAC

### **CEILING VERSUS VISIBILITY**

31¢0,

: 2

JUMIST IN ISLAND/PACIFIC IS

48-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING               |              |              |              |              |              |              | VIS           | IBILITY (ST   | ATUTE MIL     | ES:          |              |       |              |              |              |            |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|-------|--------------|--------------|--------------|------------|
| FEET.                 | ≥10          | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2,2         | ≥ 2           | ≥1%           | ≥1%           | ≥1           | ≥ ¾          | ≥ %   | ≥ 1/2        | ≥ 5/16       | ≥¼           | ≥0         |
| NO CEILING<br>≥ 20000 | 72.1         | 56.9<br>76.0 | 56.9<br>76.0 | 56.9<br>76.0 |              | 56.9<br>76.0 | 56.9<br>76.0  | 56.9<br>76.0  | 50.9<br>76.0  | 56.9<br>76.0 | 56.9<br>76.0 |       | 56.9<br>76.0 | 56.9<br>76.0 | 56.9<br>76.0 | 56.<br>76. |
| ≥ 18000<br>≥ 16000    | 72.6         | 76.4         | 76.4         | 76.4         |              | 76.6         | 70.4          | 76.4          | 76.4          | 76.4         | 76.4         | 76.4  | 76.4         | 76.4         | 76.4         | 76.<br>76. |
| ≥ 14000<br>≥ 12000    | 73.8         | 77.7         | 77.7         | 77.7         | 77.7         | 77.7         | 77.7          | 77.7          | 77.7          | 77.7         | 77.7<br>80.4 | 77.7  | 77.7         | 77.7         | 77.7         | 77.<br>80. |
| ≥ 10000<br>≥ 9000     | 79.5<br>60.3 | 83.5<br>84.6 | 84.6         | لتم أيديا    |              | 83.6<br>64.6 | 83.6<br>84.6  | 83,6          | 83.6          | 83.6<br>84.6 | 83.6         |       | 83.6<br>84.6 | 83.6         |              | 83<br>84   |
| ≥ 8000<br>≥ 7000      | 82.6         | 85.8<br>87.7 | 87.8         | 86.8         | 96.8         | 86.8<br>87.8 | 86.8          | 85.8          | 86.8          | 86.8         | 86.8         | 86.8  | 86.8         | 86.8         | 86.8         | 86<br>87   |
| ≥ 6000<br>≥ 5000      | 83.7         | 89.4         | 88.1         | 88.1         | 88.1         | 88.1         | 88.1          | 88.1          | 88.1          | 88.1         | 88.1         |       | 88.1         | 88.1         | 88.1         | 88<br>89   |
| ≥ 4500<br>≥ 4000      | 65.5<br>80.2 | 89.9<br>80.8 | 90.0         | 90.0         | 90.0         | 90.0         | 90.0          | 90.0          | 90.0          | 90.0         | 90.0         | 90.0  | 90.0         | 90.0         | 90.0         | 90<br>91   |
| ≥ 3500<br>≥ 3000      | 0.60<br>0.0  | 91.5         | 91.4         | 91.4         | 91.4<br>91.7 | 91.4         | 91.5          | 91.5          | 91.5          | 91.5         | 91.5         | 91.5  | 91.5         | 91.5         | 91.5         | 91         |
| ≥ 2500<br>≥ 2000      | 57.7<br>71.0 | 92.5         | 92.5         | 96.6         | 92.5         | 92.5         | 92.7          | 92.7          | 92.7          | 92.7         | 92.7         | 92.7  | 92.7         | 92.7         | 92.7         | 92<br>96   |
| ≥ 1800<br>≥ 1500      | 92.0         | 97.7         | 97.9         |              |              | 97.9         | 98.1          | 98.1<br>99.4  | 98.1          | 98.1         | 98.1         | 98.1  | 98.1         | 98.1<br>99.4 | 98.1         | 98<br>99   |
| ≥ 1200<br>≥ 1000      | 73.0         | 99.1         | 99.4         | 99,4         | 99.4         | 99.4         | 99.7          | 99.7          | 99.7          | 99.7         | 99.7         | 99.7  | 99.7         | 99.7         | 99.7         | 99<br>99   |
| ≥ 900<br>≥ 800        | 93.1         | 99.2         | 99.5         | 99.5         | 99.0         | 99.6         | 99.9<br>100.0 | 99.9<br>100.0 | 99.9<br>100.0 | 99.9         | 99.9         | 99.9  | 99.9         | 99.9         | 99.9         | 99<br>100  |
| ≥ 700<br>≥ 600        | 93.1<br>93.1 | 99.3         | 99.7         | 99.7         | 99.7         | 99.7         | 100.0         | 100.0         | 100.0         | 100.0        | 100.0        | 100.0 | 100.0        | 100.0        | 100.0        | 100        |
| ≥ 500<br>≥ 400        | 93.1         | 99.3         | 99.7         | 99.7         | 99.7         | 99.7         | 100.0         | 100.0         | 100.0         | 100.0        | 100.0        | 100.0 | 100.0        | 100.0        | 100.0        | 100        |
| ≥ 300<br>≥ 200        | 93.1         | 99.3         | 99.7         | 99.7<br>99.7 | 99.7         | 99.7         | 100.0         | 100.0         | 100.0         | 100.0        | 100.0        | 100.0 | 100.0        | 100.0        | 100.0        | 100<br>100 |
| ≥ 100<br>≥ 0          | 93.1<br>93.1 | 99.3         | 99.7         | 99.7         | 99.7         | 99.7         | 100.0         |               | 100.0         | 100.0        | 100.0        |       | 100.0        | 100.0        |              | 100        |

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PREFESSING SHANGWOODS FEAT EACTOR FLOOR STATES

216.3

# **CEILING VERSUS VISIBILITY**

JIBERST IN ISLAM //PACIFIC IS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                 |              | _            |              |              |              | -            | VIS            | IBILITY (ST  | ATUTE MIL    | ES)   |                |              |              |              |                  |                |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|-------|----------------|--------------|--------------|--------------|------------------|----------------|
| FEET                    | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2½          | ≥ 2            | ≥1½          | ≥14          | ≥1    | ≥ 3/4          | ≥ 3/8        | ≥%           | ≥ 5./16      | ≥ ¼              | ≥0 .           |
| NO CEILING<br>≥ 20000   | 75.7         | 69.6<br>80.1 | 69.6         | 67.6         | 69.6<br>80.1 | 69.6<br>80.1 | 69.6<br>80.1   | 69.6         | 69.6<br>80.1 | 80.1  | 69.6<br>80.1   | 69.6<br>80.1 | 80.1         | 69.6<br>80.1 | 69 • 6<br>80 • 1 | 69.6<br>80.1   |
| ≥ 18000<br>≥ 16000      | 76.1<br>76.3 | 80.5<br>80.8 | 80.6         |              | 80.6<br>80.8 | 80.6         | 80.6           | 80.6<br>80.8 | 80.6         |       |                | 80.6         | 80.6<br>80.8 | 80.6         | 80.6             | 80.6<br>80.8   |
| ≥ 14000<br>≥ 12000      | 77.2<br>76.7 | 61.7         | 81.7         | 81.7         | 81.7<br>83.3 | 81.7<br>83.3 | 81.7           | 81.7         | 81.7         | 81.7  | 81.7           | 81.7         | 81.7         | 81.7<br>83.3 | P1.7             | 81.7           |
| ≥ 10000<br>≥ 9000       | 30.1         | 84.9<br>85.8 | 84.9         | 64.9<br>85.8 | 84.9<br>85.8 | 84.9<br>85.8 | 84.9<br>85.8   | 84.9<br>85.8 | 84.9         | 84.9  | 84.9           | 84.9         | 84.9<br>85.8 | 84.9<br>85.8 | 84.9<br>85.8     | 84.9<br>85.8   |
| ≥ 8000<br>≥ 7000        | 3.3<br>44.1  | 88.2         | 88.2<br>69.1 | 88.2<br>89.1 | 88.2<br>89.1 | 88.2         | 88.2           | 88.7         | 88.2         | 88.2  | 88.2<br>89.1   | 88.2<br>89.1 | 88.2<br>89.1 | 89,1         | 88.2<br>89.1     | 88.2<br>89.1   |
| ≥ 6000<br>≥ 5000        | 84.3         | 89.4<br>90.7 | 89.4<br>90.7 | 89.4<br>90.7 | 89.4<br>90.7 | 89.4<br>90.7 | 90.7           | 89.4<br>90.7 | 90.7         | 90.7  | 89.4           | 89.4<br>90.7 | 90.7         | 89.4<br>90.7 | 89.4<br>90.7     | 89.4<br>90.7   |
| ≥ 4500<br>≥ 4000        | 45.9         | 91.2         | 91.2         | 91.8         | 91.2         | 91.2         | 91.2           | 91.8         | 91.2         | 91.2  |                | 91.2         | 91.2         | 91.8         | 91.8             |                |
| ≥ 3500<br>≥ 3000        | -7.1<br>-7.5 | 92.5         | 92.5         | 92.9         | 92.5         | 92.5         |                | 92.5         | 92.5         | 92.5  | 92.9           | 92.5         | 92.5         | 92.9         | 92.5             | 92.5           |
| ≥ 2500<br>≥ 2000        | 48.6         | 98,4         | 94.0         | 98,4         | 94.0         | 94.0         | 98.4           | 98,4         | 94.0         | 98.4  | 98,4           | 94.0<br>98.4 | 98.4         | 98.4         | 98,4             | 98,4           |
| ≥ 1800<br>≥ 1500        | 3.3          | 99.7         | 99.7         | 99 A         | 98.9         | 98.9         |                |              | 98.9         | 99.8  | 99,8           |              |              | 99.8         | 98.9             | 98.9<br>99.8   |
| ≥ 1200 ≥ 1000           | 93,3         | 99.8         | 99.8         |              |              | 99.9         | 100.0          | 100.0        |              | 100.0 | 100.0          | 100.0        | 100.0        | 100.0        | 100.0            | 100,0          |
| ≥ 900<br>≥ 800          | 93.3         | 99.8<br>99.8 | 99.8         | 99.9         | 99,9         | 99,9         | 100.0          | 100.0        | 100.0        | 100.0 | 100.0          | 100.0        | 100.0        | 100.0        | 100.0            | 100.0          |
| ≥ 700<br>≥ 600          | 93.3         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0<br>100.0 | 100.0        | 100.0        | 100,0 | 100.0<br>100.0 | 100.0        | 100.0        | 100.0        | 100.0            | 100.0<br>100.0 |
| ≥ 500<br>≥ 400<br>≥ 300 | 93.3         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0          | 100.0        | 100.0        | 100,0 | 100.0          | 100.0        | 100.0        | 100.0        | 100.0            | 100.0          |
| ≥ 200                   | 93.3         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0          | 100.0        | 100.0        | 100.0 | 100.0          | 100.0        | 100.0        | 100.0        | 100.0            | 100.C          |
| ≥ 100                   | 93.3         | . ,          |              |              |              |              |                |              |              |       | 100.0          |              |              |              |                  |                |

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

JOHNST W ISLAND PACIFIC IS

48-71

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING               |              |              |              |              |              |              | VIS          | IBILITY (ST. | ATUTE MIL | ES           |               |              |       |              |               |                |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|---------------|--------------|-------|--------------|---------------|----------------|
| /FEET                 | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥ 3          | ≥2"?         | ≥ 2          | ≥117         | ≥1,1      | ≥ì           | ≥ ⅓           | ≥ %          | ≥ ⅓   | ≥5 16        | ≥ ¼           | ≥0             |
| NO CEILING<br>≥ 20000 | 76.0         | 70.3         | 70.3         | 70.2<br>80.0 | 70.3         | 1            | 70.3         |              |           | - 1          |               |              |       | 70.3<br>80.0 |               | 70.3           |
| ≥ 18000<br>≥ 16000    | 76.0         | 80.0<br>60.1 | 80.0<br>80.1 | 80.0         | 80.0         | 80.0         | 80.0         | 80.0<br>80.1 | 80.0      |              | 80.0<br>80.1  | 80.0<br>80.1 | 80.0  | _            |               | 80.0<br>80.1   |
| ≥ 14000<br>≥ 12000    | 70.7         | 80.7         | 80.7<br>82.8 | 60.7<br>82.8 | 30.7<br>82.5 | 80.7<br>82.8 | 80.7<br>82.8 |              | 80.7      | 80.7<br>82.8 |               |              | 80.7  |              | 80.7          | _              |
| ≥ 10000<br>≥ 9000     | 40.2<br>41.4 | 84.6         |              |              | 84.0         | 84.6<br>85.6 | 84.6         |              |           |              |               |              |       |              | , , ,         | 1              |
| ≥ 8000<br>≥ 7000      | 84.8         | 89.4         | 88.2         | 88.2         | 88.2         | 88.2         | 88.2         | 88,2         | 88.2      | 88.2         | 88.2          |              | 86.2  | 88.2         | 88.2          | 88.2           |
| ≥ 6000<br>≥ 5000      | 75.0         | 89.6         |              | • .          | _            | 90.6         | 89.0         | 89.0         |           | 89.6         | 89.6          | 89.6         | 89.6  | 89.6         | 89.6          | 89.6           |
| ≥ 4500<br>≥ 4000      | 46.4<br>46.5 | 91.C         |              |              | • -          |              | 91.0         |              |           |              |               |              |       | 91.0         | 71.0          | 91.0           |
| ≥ 3500<br>≥ 3000      | 17.4         | 92.2         |              |              |              | - ,          |              | 92.2         | 92.2      | •            | 92.2          |              | 92.2  |              |               |                |
| ≥ 2500<br>≥ 2000      | €.8 ←        | 93.1         | 97.4         | ~ • -        | 93.4         | 93.4         | 97.6         | 97,7         |           |              | 93.5          |              |       | -            |               |                |
| ≥ 1800<br>≥ 1500      | 3.4<br>3.4   | 96.0<br>96.8 | 98.3         |              | 99.5         | 99.5         | 99.5         | 99.6         | 99.6      | 99.6         | 89.0          | 99,6         | 99.6  |              |               |                |
| ≥ 1200<br>≥ 1000      | 93.2<br>43.2 | 94.9         | 99.4         | 99.5         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9      | 99.9         | 99.9          | 99.9         | 99.9  | 99.9         |               | 99.9           |
| ≥ 900<br>≥ 800        | 93.2         | 99.0         | 99.4         | 99,7         | 99.9         | 99,9         | 99.9         | 100.0        | 100.0     | 100.0        | 99.9<br>100.0 | 100.0        | 100.0 | 100.0        | 99.9<br>100.0 | 100.0          |
| ≥ 700<br>≥ 600        | 93.3         | 99.0         |              | 99.7         |              | 99.9         | 99,9         | 100.0        | 100.0     | 100.0        | 100.0         | 100.0        | 100.0 | 100.0        | 100.0         | 100,0          |
| ≥ 500<br>≥ 400        | 93.3         | 99.0         | 99.5         | 99.7         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0     | 100.0        | 100.0         | 100.0        | 100.0 | 100.0        | 100.0         | 100.0          |
| ≥ 300<br>≥ 200        |              | 99.0         | 99.5         | 99.7         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0     | 100.0        | 100.0         | 100.0        | 100.0 | 100.0        | 100.0         | 100.0          |
| ≥ 100<br>≥ 0          | 93.3         |              | 99.5         | 99.7         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0     | 100.0        | 100.0         | 100.0        | 100.0 | 100.0        | 100.0         | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_\_

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING TRANSMUSAR STAG AIR SEATHER SERVICE/MAC

### **CEILING VERSUS VISIBILITY**

≥1¢(;)

2

JUMESTON ISLAND/PACIFIC IS

MONTH ...

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0306-0500 HOURS 151

| CEILING                    |              |              |              |              |                      |              | VIS                  | IBILITY (ST | ATUTE MIL            | ES)          |      |                      |       |                   |              |              |
|----------------------------|--------------|--------------|--------------|--------------|----------------------|--------------|----------------------|-------------|----------------------|--------------|------|----------------------|-------|-------------------|--------------|--------------|
| FEET:                      | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3                   | ≥21/2        | ≥ 2                  | ≥11/2       | 214                  | ≥1           | ≥ ¾  | ≥ %                  | ≥ ½   | ≥ 5/16            | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 65.5<br>75.3 | - 1          | 68.9<br>79.2 | 43.7<br>79.2 | 79.2                 | 65.9         | 79.2                 | 79.2        | 68.9<br>79.2         | 79.2         | 79.2 | 66.9<br>79.2         | 48.9  | 6 <sup>8</sup> .9 | 68.9<br>79.2 | 68.9<br>79.2 |
| ≥ 18000<br>≥ 16000         | 75.3<br>75.5 | 79.2<br>79.4 | 79.2<br>79.4 | 79.2<br>79.4 | 79.2<br>79.4         | 79.7<br>79.4 | 79.2                 | 79.4        | 79.2                 | 79.2<br>79.4 |      | 79.2<br>79.4         |       | 79.2<br>79.4      | 79.2         | 79.2         |
| ≥ 14000<br>≥ 12000         | 76.0<br>77.3 | 79.8<br>81.4 | 79.8         | 79.8<br>81.4 | 79.8<br>81.4         | 79.8         | 79.8<br>81.4         |             | 79.8                 | 79.8<br>81.4 | 79.8 | 79.8<br>81.4         | 81.4  | 79.8              | 79.6<br>61.4 | 79.8<br>81.4 |
| ≥ 10000<br>≥ 9000          | 78.9<br>79.5 |              |              | 7            | 92.9<br>83.7         | 82.9<br>83.7 | #2.9<br>33.7         | 83.7        | 82.9<br>83.7         | 83.7         | 83.7 | 82.9<br>83.7         | 83.7  | 83.7              | 82.9<br>83.7 | 82.7         |
| ≥ 8000<br>≥ 7000           | 82.3<br>63.7 | 88.7         | 86.6<br>88.1 | 88.1         | 88.1                 | 88.1         | 36.6<br>88.1         | 68.1        | 86.6                 | 88.1         | 88.1 | 86.1                 | 28.1  | 88.1              | 86.6<br>88.1 | 88.1         |
| ≥ 6000<br>≥ 5000           | 74.3         |              | 90.4         | 90.4         | 90.4                 | 90.4         |                      | 90.4        |                      | 90.4         | 90.4 | 90.4                 | 90.4  |                   | 90.4         | 90.4         |
| ≥ 4500<br>≥ 4000           | 7.2          | 91.7         | 91.8         | 91.8         | 91.1<br>91.8         | 91.3         | 91.8                 |             | 91.1<br>91.8         | 91.9         | 91.9 | 91.9                 |       | 91.1<br>91.9      | 91.1         | 91.9         |
| ≥ 3500<br>≥ 3000<br>≥ 2500 | 58.1         | 92.3         | 92.8         |              | 92.8                 | 92.8         | 92.6<br>92.8<br>94.1 |             | 92.6<br>92.8<br>94.1 | 92.9         | 92.9 | 92.9                 | 92.9  | 92.9              |              | 92.9         |
| ≥ 2000                     | 7 7 9        | 97.4         | 97.7         | 97.7         | 94.1<br>97.7<br>95.5 | 94 • 1       | 97.7                 | 97,7        | 97.7                 | 97.8         | 97.8 | 94.2<br>97.1<br>98.5 | 97,8  | 97.8              |              | 97.8         |
| ≥ 1500                     | 93.2         | 99.1         | 99.2         | 99.3         | 99.4                 | 99.4         |                      | 99.5        | 99.5                 | 99,6         | 99.6 | 99.6                 | 99.6  | 99.6              | 99.6         | 99.6         |
| ≥ 1000                     | 93.3         |              | 99.4         | 99,4         | 99.6                 | 99.6         | 99.7                 | 99.7        | 99.7                 | 99.8         | 99.8 | 99,8                 | 99,8  | 99.8              | 99,8         | 99,6         |
| ≥ 800                      | 93.3         |              | 99.4         | 99.5         | 99.7                 |              | 99.7                 | 99.8        | 99.8                 | 99.9         | 99.9 | 99,9                 | 99.9  | 99,9              |              | 99,9         |
| ≥ 600                      | 93.3         | 99.3         | 99.5         | 99,5         | 99.7                 | 99.7         | 99.7                 | 99,8        | 99.8                 | 99.9         | 99.9 | 99,9                 | 99.9  | 99.9              | 99.9         | 99.9         |
| ≥ 400<br>≥ 300             | 93.3         | 99.3         | 99.5         |              |                      |              | 99.8                 |             | 99.9                 | 99.9         |      | 99,9                 | 100.0 | 100.0             | 100.0        | 100.0        |
| ≥ 200                      | 93.3         |              | _            |              |                      |              | 99.8                 | 99.9        | 99.9                 | 99,9         | 99.9 | 99.9                 | 100.0 |                   | 100.0        |              |
| ≥ 0                        | 93.3         | 99.3         | 99.5         | 99.5         | 99.7                 | 99.7         | 99,8                 | 99,9        | 99.9                 | 99,9         | 99,9 | 99,9                 | 100.0 | 100.0             | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PRINTISSING KANCA STAF ETA WIR SEAT SER SETVICES NO

#### **CEILING VERSUS VISIBILITY**

JE MAN TO TELL STATION NAME

48-71

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

160€ = 0800 HOURS 1.57

| CEILING                    |       |                      |                      |              |                      |                            | VISI                 | BILITY (STA          | ATUTE MILI   | ES1                  |                      | ,                    |              |                      |              |              |
|----------------------------|-------|----------------------|----------------------|--------------|----------------------|----------------------------|----------------------|----------------------|--------------|----------------------|----------------------|----------------------|--------------|----------------------|--------------|--------------|
| FEET                       | ≥10   | ≥6                   | ≥5                   | ≥ 4          | ≥ 3                  | ≥2'>                       | ≥2                   | ≥11/2                | ≥1¼          | ≥۱                   | ≥ 3/4                | ≥ ⅓                  | ≥ %          | ≥5 16                | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 46.0  | 53.0<br>71.5         | 53.5<br>71.5         | 53.6<br>71.5 | 53.6<br>71.5         | 71.5                       | 53.6                 | 53.6<br>71.5         | 53.6<br>71.5 | 53.6<br>71.5         | 53.6<br>71.5         | 53.6<br>71.5         | 53.6         | 53.6<br>71.5         | 53.6<br>71.5 | 53.3<br>71.2 |
| ≥ 18000<br>≥ 16000         | . B.8 | 71.8<br>72.3         | 71.8<br>72.3         | 72.3         | 71.5                 | 71.8                       | 71.8                 | 71.8                 | 71.8         | 71.8                 | 72.3                 | 71.°<br>72.3         | 71.8         | 72.3                 | 72.3         | 71.8         |
| ≥ 14000<br>≥ 12000         | 72.7  | 73.0                 | 75.0                 |              | 73.0                 | 73.0                       | 73.0                 | 73.0<br>76.4         | 73.0         | 73.0<br>76.4         | 73.0<br>76.4         | 73.0<br>76.4         | 73.0<br>76.4 | 73.0<br>76.4         | 76.4         | 73.0         |
| ≥ 10000<br>≥ 9000          | 75,3  | 79.1                 | 79.1<br>80.4         |              | 79.1<br>80.4         | 79.1                       | 79.1                 | 79.1<br>30.4         | 79.1<br>80.4 | 79.1<br>80.4         | 79.1<br>80.4         | 79.1                 | 79.1         | 79.1                 |              | 79.1<br>80.4 |
| ≥ 8000<br>≥ 7000           | 11.5  | 85.6                 |                      | 84.7         | 84.7                 | 84.7                       | 84.7                 | 94.7<br>85.7         | 84.7         | 84.7                 | 85.7                 | 84.7                 | 84.7         | 84.7                 | 85.7         | 85.7         |
| ≥ 6000                     | 4.3   | 56.1<br>68.7         | 86.2                 | 86.2<br>88.8 | 86.2                 | 86.2                       | 86.8                 | 86.2                 | 86.2         | 86.2                 | 86.2<br>88.8         | 86.2<br>68.8         | 86.2         |                      | 88.8         | 86.2         |
| ≥ 4500<br>≥ 4000           | 3.3   | 89.7<br>57.8         | 69.3                 | 89.9<br>39.9 | 89.9                 | 89.9                       |                      | 89.3                 | 89.3         | 89.9                 | 89.3                 | 89.3                 | 89.3         | 89.9                 |              | 89.3         |
| ≥ 3500<br>≥ 3000<br>≥ 2500 | 7.3   | 96.6<br>96.4<br>97.1 | 90.4<br>90.8<br>72.4 |              | 90.4<br>90.8<br>92.4 | 90 • 4<br>90 • 8<br>92 • 4 | 90.4<br>90.8<br>92.4 | 90.4<br>90.8<br>92.4 | 90.4<br>90.8 | 90.4<br>90.8<br>92.5 | 90.4<br>90.8<br>92.5 | 90.4                 | 90.4         | 90.4<br>90.8<br>92.5 | 90.4         | 90.4         |
| ≥ 2000                     | VG.2  | 95.5                 | 5n.0                 | 95,0         | 96.1                 | 96.1                       | 90.1                 | 96.1<br>97.6         | 96.1         | 96.3                 | 96.3                 | 92.5<br>96.3<br>97.9 | 96.3         | 96.3<br>97.9         | 96.3<br>97.9 | 97.5<br>96.3 |
| 2 500                      | 2.4   | 9:1                  | 99.0                 | 99.0         | 99.0                 | 99.0                       | 99.0                 | 99.2                 | 99.1         | 99.2                 | 99.2                 | 99.2                 | 99.3         | 99.3                 | 99.3         | 99.4         |
| 2 900                      | 72.3  | 9: 4                 | 99.2                 | 99.1         | 99.4                 | 99.4                       | 99.4                 | 99.5                 | 99.5         | 99.7                 | 99.7                 | 99.7                 | 99.8         | 99.8                 | 99.6         | 99.8         |
| 2 800<br>2 700             | 12.0  | 97.4                 | 99.2                 | 99.3         | 99.4                 | 99.5                       | 99.5                 | 99.6                 | 99.6         | 99.8                 | 99.8                 | 99.8                 | 99.9         | 99,9                 | 99.9         | 99.9         |
| ≥ 600                      | 72.0  | 95.4                 | 99.2                 | 99.3         | 99.4                 | 99.5                       | 99.5                 | 99.6                 | 99.6         | 99.8                 | 99.8                 | 99.8                 | 99.9         | 99.9                 |              | 99.9         |
| > 400<br>2 300             | 72.6  | 90.4                 | 99.2                 | 99.3         | 99.4                 | 99.5                       | 99.5                 | 99.6                 | 99.6         | 99.8                 | 99.8                 | 99.8                 | 99.9         | 99.9                 |              | 100.0        |
| 20r<br>≥ 20r<br>≥ 100      | 12.0  | 95.4                 | 99.2                 | 99,3         | 99.4                 | 99.5                       | 99.5                 | 99.6                 | 99.6         |                      |                      | 99.8                 | 99.9         | 99.9                 | 100.0        | 100          |
| · · · ·                    | 12.6  | 94.4                 | 19.2                 | 99,3         | 99.4                 | 99.5                       | 99.5                 | 99,6                 | 99.6         | 99.5                 | 99.8                 | 99.8                 | 99,9         | 99.9                 | 100.0        | 100.7        |

TOTAL NUMBER OF OBSERVATIONS\_\_

USAF ETAC 13 64 0 14 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BATA PROBLESSING "RANG" MAR REATTES MERVICEY AC

# CEILING VERSUS VISIBILITY

LE NOT IN ISLANDIPACIFIC IS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500 - 1100

| CEILING                    |              |                      |              |              |              |              | VIS          | IBILITY -STA         | ATUTE MIL    | ES           |              |              |              |              |               |         |
|----------------------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------|
| FEET                       | ≥ 10         | ≥6                   | ≥ 5          | ≥ 4          | ≥ 3          | ≥252         | ≥ 2          | ≥1.7                 | ≥1'4         | ≥1           | ≥ 34         | ≥ '⁄8        | ≥ 19         | ≥ 5/16       | ≥ ¼           | ≥0      |
| NO CEILING<br>≥ 20000      | 72.4         | 5 1 . 2<br>75 . 7    | 58.2<br>75.8 | 58.2<br>75.6 |              | 58.2<br>75.8 | 58.2<br>75.8 | 58.2<br>75.6         | 58.2<br>75.8 | 75.8         |              | 58.2<br>75.8 | 56.2<br>75.8 | 75.8         | 58.2<br>75.8  | 75.8    |
| ≥ 18000<br>≥ 16000         | 73.2         | 70.5                 | 76.0         | 76.6         | 76.6         | 76.6         | 76.6         | 76.7                 | 76.6         | 70.7         | 76.6<br>76.7 | 76.0<br>76.7 | 76.7         | 76.6<br>76.7 | 76.6          | 76.7    |
| ≥ 14000<br>≥ 12000         | 70.4         | 77.4<br>80.1         | Ri) 1        | 77.5         | 77.5<br>80.1 | 77.5<br>50.1 | 77.5         | 77.5<br>50.1         | 77.5<br>80.1 | 77.5         | 77.5<br>80.1 | 77.5<br>80.1 | 77.5<br>80.1 | 80.1         | 77.5<br>80.1  | 80.1    |
| ≥ 10000<br>≥ 9000          | : U. U       | 84.9                 | 83.8         | 83.8<br>85.0 |              | 83.8         | P 5 . 0      | 83.8                 | 83.8<br>85.0 | 85.0         | 83.8         | 83.8         | 83.8<br>85.0 | 85.C         | 83.8<br>85.0  | 85.0    |
| ≥ 8000<br>≥ 7000<br>≥ 6000 | 75.0         | 87.8<br>89.0         | 37.8<br>39.1 | 89.1         | 89.1         | 87.5         | 27.8<br>29.1 | 87.8<br>99.1<br>89.4 | 87.8<br>89.1 | 89.1         | 87.8<br>89.4 | 87.8<br>89.1 | A9.1         | 89.1         | 87.6<br>89.1  | 89.1    |
| ≥ 5000<br>≥ 5000           | 6.5          | 90.8                 | 90.9         | 90,9         | 90.9         | 90.9         | 90.9         | 90.9                 | 90.9         | 1 - 1        |              | 90.9         |              | 90.9         | 90.9          | 90.9    |
| ≥ 4000<br>≥ 3500           | 7,9          | 93.6                 | 92.4         | 92.4         | 93.1         | 92.4         | 92.4         | 92.4                 | 92.4         | 93.1         | 92.4         | 92.4         |              | 92.4         | \$2.4<br>93.1 | 1 - '.1 |
| ≥ 3000<br>≥ 2500           | 5 G          | 94.4                 | 93.3         | 94.5         | 93.3         | 93.3         | 93.3         | 93.3                 | 94.5         | 93.3         | 93.3         | 94.6         | 93.3         | 93.3         | 93.3          | 93.3    |
| ≥ 2000                     | 2.4          | 97.3                 | 97.5         | 97.6<br>9r.1 | 76.2         | 98.2         | 98.2         |                      | 97.7         |              | 97.8         | 97.8<br>98.4 | 97.8         | 97.8<br>98.4 | 98.4          | 98.4    |
| ≥ 1500<br>≥ 1200<br>≥ 1000 | 93.3         | 98.8                 | 99.2         | 99.4         | 99.5         | 99.4         | 99.5         |                      | 99.5         |              | 99.7         | 99.7         | 99.7         | 99.7         | 99,7          | 99.7    |
| ≥ 900<br>≥ 800             | 11.5         | 95.9                 | 99.2         | 99.4         |              | 99.5         | 99.6         | 99.7                 | 99.7         | 99.8         | 99.9         | 99,9         | 99.9         |              | 99.9          | 1 1 7 1 |
| ≥ 700<br>≥ 600             | 93.5         | 90,0<br>98,0<br>91,9 | 99.2         | 99.4         |              | 99.5         | 99.6<br>99.6 | 99.7                 | 99.7         | 99.8<br>99.8 | 99.9         | 99.9         | 99.9         |              | 99.9          |         |
| ≥ 500<br>≥ 400             | ر.ون<br>د.ون | 96.9                 | 99.2         |              |              | 99.3         | 99.6         | 99.7                 | 99.7         | 99.8         |              | 99.9         | 99.9         | 99.9         | 99.9          | 99.9    |
| ≥ 300<br>≥ 200             | 93.5         | 98.9                 | 99.2         |              | 99.5         | 99.5         | 99.6         | 99.7                 | 99.7         |              | 99.9         | 99.9         | 99.9         | 99.9         | 99.9          | -       |
| ≥ 100<br>≥ 0               | 93.5<br>93.5 | 9: 9                 | 99.2         | 99.4         | - 1          | 99.5         | 99.6         | 1                    | 99.7         |              |              |              | 100.0        |              |               | 100.0   |

USAF ETAC FORM IDL64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE DISSOLETE

ATA PRICESSIE SAR ETA-AIR EAT ET ETVILET AC

#### CEILING VERSUS VISIBILITY

JUMPAN IN ISLAM YFACTFIC IS

46-71

1200-1400

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES CEILING FEET ≥10 ≥1% ≥113 52.8 52.0 52.8 52.8 52.4 52.8 52.8 52. 52.4 ⊃2.B 52.a 52. ≥ 20000 75.0 75.1 75.1 75.1 75.3 > 18000 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.1 75.3 75.3 75.3 75.3 76.5 75.3 76.5 75.3 75.3 75. 75.3 76. 76.5 76.5 76. ≥ 14000 ≥ 12000 76.5 72.0 76.5 70.5 76.5 80.0 80.6 80.6 80.6 HU.6 BC.5 40.6 80.6 ≥ 10000 ≥ 9000 83.6 03.0 87.8 57.8 ≥ 8000 87. ≥ 7000 88.3 ≥ 6000 ≥ 5000 

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TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC FORM IUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSULETE

99.0

99.0

100

MATA PROCESSING RANCH AIR FEATHER SERVICENIAC

#### **CEILING VERSUS VISIBILITY**

2

JUNSTAN ISLANDAN NAME IFIC IS

48-71

1,00,1700

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                    |               |              |              |              |              |                  | VIS          | IBILITY STA  | ATUTE MILI   | ES:          |              |              |                |        |              |              |
|----------------------------|---------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------|--------------|--------------|
| FEET                       | ≥10           | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥ 2 '7           | ≥ 2          | ≥1'2         | ≥114         | ≥۱           | ≥ ⅓          | ≥ 3/8        | ≥ '⁄2          | ≥ 5/16 | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 17.6<br>18.8  | 50.1<br>72.2 | 50.1<br>72.2 | 50.1<br>72.3 | 50.1<br>72.3 | 50.1<br>72.3     | 50.1<br>72.3 | 50.1<br>74.3 | 50.1<br>72.3 | 50.1<br>72.3 | 50.1<br>72.3 | 50.1<br>72.3 | 50.1<br>72.3   | 72.3   | 50.1<br>72.3 | 50.1<br>72.3 |
| ≥ 18000<br>≥ 16000         | ંતે.¥<br>૯9.7 | 72.3         | 72.3<br>73.2 | 72.4         | 72.4         | 72.4             | 72.4         | 72.4         | 72.4         | 72.4         | 72.4         | 72.4         | 72.4           | 72.4   | 72.4         | 73.3         |
| ≥ 14000<br>≥ 12000         | 70.7          | 74.3         | 74.3<br>78.3 | 74.4         | 74.4         | 74.4<br>78.4     | 74.4         | 74.4         | 74.4<br>78.4 | 74.4<br>78.4 | 74.4         | 74.4         | 74.4           | 74.4   | 74.4<br>78.4 | 74.4         |
| ≥ 10000<br>≥ 9000          | 78.0<br>79.7  | 83.7         | 52.1<br>83.7 | 82.1<br>83.8 |              | 82.1<br>63.8     | 2.1°<br>8.ز8 | 82.1         | 82.1         | 82.1<br>83.8 |              | 82.1<br>83.8 | 82.1<br>83.8   |        |              | 83.8         |
| ≥ 8000<br>≥ 7000           | 53.8          | 87.9         |              | 88.0         | 87.0<br>88.0 | 87.0<br>88.0     | 87.0         | 87.0         | 87.0<br>88.0 | 87.0         | 87.0<br>88.0 | 87.0<br>88.0 | 88.0           | 88.0   | 88.0         | 88.0         |
| ≥ 6000<br>≥ 5000           | 30.4          | 88.9<br>90.7 | 90.7         | 90.8         |              | 89 • 1<br>90 • 5 | 39.1<br>90.8 | 89.1<br>90.년 | 90.8         | 89.1<br>90.9 | 89.1         | 89.1<br>90.9 |                |        |              |              |
| ≥ 4500<br>≥ 4000           | 6.8           | 91.1<br>92.6 | 91.1         |              | 92.8         |                  | 91.2         |              | 91.2         | 91.3         | 91.3         | 91.3<br>92.8 |                |        |              |              |
| ≥ 3500<br>≥ 3000           | 50,0<br>29,2  | 93.6         | 93.7         | 93.7         | 93.2         | 93,4             | 93.2         | 93.2         | 93.2         | 93.3         | 93.3         | 93.3         |                | 93,9   |              | 93.9         |
| ≥ 2500<br>≥ 2000           | 90.3          | 94.9         | 95.0         |              | 95.1         | 96.7             | 95.1         | 95.1         | 95.1<br>98.7 | 95.3         | 95.3         | 98.9         |                | 99.0   | 99.0         | 99.0         |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 03.9<br>94.1  | 99.0         | 99.5<br>99.5 | 99.7         | 99.2         | 99.7             | 99.2<br>99.7 | 99.7         | 99.2         | 99.4         | 99.4         | 99.4         | 100.0          | 100.0  |              | 100.0        |
| ≥ 1000                     | 4.1           | 99.4         | 99.5         | 99.7         | 99.7         | 99.7             | 99.7         | 99.7         | 99.7         | 99.9         | 99,9         | 99.9         | 100.0          | 100.0  | 100.0        | 100.0        |
| ≥ 800                      | 94.1          | 99.4         | 99.5         | 99.7         | 99.7         | 99.7             | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 99.9         | 100.0<br>100.0 | 100.0  | 100.0        | 100.0        |
| ≥ 700<br>≥ 600<br>≥ 500    | 94.1          | 99.4         | 99.5         | 99.7         | 99.7         | 99.7             | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 99.9         | 100.0<br>100.0 | 100.0  | 100.0        | 100.0        |
| ≥ 400<br>≥ 300             | 4.1           | 99.4         | 99.5         | 99.7         |              | 99.7             | 99.7         | 99.7         | 99.7         | 99.9         | 99.9         | 99.9         | 100.0          | 100.0  | 100.0        | 100.0        |
| ≥ 200                      | 4.1           | 99.4         | 99.5         | 99.7         | 99.7         |                  | 99.7         | 99.7         | 99.7         | 99.9         | 1            | 99.9         |                | 100.0  | 100.0        | 100 C        |
| ≥ 0                        | 4.1           | 99.4         | • -          |              |              | 99.7             | 99.7         | 99,7         | 99.7         | 99.9         | 🛡 -          |              | 100.0          | 100.0  |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 101.64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MANA ETA

### CEILING VERSUS VISIBILITY

48-71

71 OF STATION JUNEST W ISLAMINANT IFIC 13

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1430-5000

| CEILING               |              |              |              |              |              |              | VIS          | BILITY (ST   | ATUTE MIL    | ES1            |                |                |                |                |                |                |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| .FEET:                | ≥10          | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥212         | ≥ 2          | ≥11/2        | ≥11/4        | ≥1             | ≥ 1,4          | ≥ 5/8          | ≥ 1/2          | ≥ 5 16         | ≥%             | ≥0             |
| NO CEILING<br>≥ 20000 | 2,1          | 55.2<br>72.3 | 55.3<br>72.4 | 55.3<br>72.4 | 55.3<br>72.4 | 55.3<br>72.4 | 55.3         | 55.3<br>72.4 | 55.3<br>72.4 |                |                | 55.3<br>72.4   | 55.3<br>72.4   | 1              |                | 55.3<br>72.4   |
| ≥ 18000<br>≥ 16000    | 4.0          | 72.4         | 72.5         | 72.5<br>73.2 | 72.5         | 72.5         | 72.5         | 72.5         | 74.5         | 72.5           |                | 72.5           | 72.5           | 72.5           | 72.5           | 72.5<br>73.2   |
| ≥ 14000<br>≥ 12000    | 70.5         | 74.4         | 74.5         | 74.5         | 74.5         | 74.5         | 74.5         | 74,5         | 74.5         | 74.5           |                | 74.5           | 74.5           | 74.5           | 74.5           | 74.5           |
| ≥ 10000<br>≥ 9000     | 77.2         | 81.2         | 81.3<br>83.5 | 41.3         | 81.3         | 81.3         | £1.3         | 81.7         | 81.3         | 81.3           | 81.3           | 81.3           | B1.3           | 81.3<br>83.5   | 81.3<br>83.5   | 81.3           |
| ≥ 8000<br>≥ 7000      | 11.9         | 85.1<br>87.3 | 80.2<br>87.4 | 86.2<br>87.4 | 86.2         | 66.2         | 80.2         | 86.2         | 86.2         | 85.2<br>87.4   |                | 86.2           | 86.2           | 86.2<br>67.4   | 86.2           | 86.2           |
| ≥ 6000<br>≥ 5000      | 63.4         | 87.7<br>89.0 | 67.9         | 87.9         | 87.9         | 87.9         | 87.9         | 87.9<br>89.1 | 87.9         | 87.9           | 87.9           | 87.9           | 87.9           | 87.9<br>89.1   | 87.9           | 87.9<br>89.1   |
| ≥ 4500<br>≥ 4000      | •5.1<br>5.9  | 89.8         | 89.9<br>90.7 | 89.9<br>90.7 | 90.7         | 90.7         | 89.9         | 89.9<br>90.7 | 89.9         | 89.9           | 99.9           | 89.9           |                |                | 89.9<br>90.7   | 89.9           |
| ≥ 3500<br>≥ 3000      | ر.<br>ن<br>د | 91.4<br>V1.7 | 91.6         | 91.6         | 91.6         | 91.6         | 91.6         | 91.6         | 91.6         | 91.6           | 91.6           | 91.6           | 91.6           | 91.6           | 91.6           | 91.6           |
| ≥ 2500<br>≥ 2000      | 75.4<br>71.1 | 93.7         | 93.9         | 97.1         | 93.9         | 93.9         | 93.9         | 93.9         | 93.9         | 93.9           | 93.9           | 93.9           | 93.9           | 93.9           | 93.9           | 97.9           |
| ≥ 1800<br>≥ 1500      | ~2.3         | 98.1<br>99.2 | 98.3         | 98.3<br>99.5 | 98.3<br>99.6 | 98.3         | 98.3         | 98.3<br>99.6 | 98.3         | 98.4           | 98.4           | 98.4<br>99.7   | 98.4<br>99.7   | 98.4           | 98.4           | 98.4           |
| ≥ 1200<br>≥ 1000      | 92.7         | 99.2<br>99.2 | 99.5         | 99.5         | 99.7         | 99.7         | 99.7         | 99,7<br>99,8 | 99.7         | 99.7           | 99.7           | 99.7           | 99.7           | 99.7           | 99.7           | 99.7<br>99.9   |
| ≥ 900<br>≥ 800        | 72.7         | 99.2         | 99.6         |              | 99.8         | 99.8<br>99.8 | 99.8<br>99.8 | 99.8<br>99.8 | 99.8<br>99.8 | 99.9           | 99.9           | 99.9           | 99.9           | 99.9<br>99.9   | 99.9           | 99.9           |
| ≥ 700<br>≥ 600        | 92.7         | 99.2<br>99.3 | 99.6<br>99.7 | 99.6         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         | 99.9<br>100.0  | 99.9<br>100.0  | 99.9<br>100.0  | 99.9<br>100.0  | 99.9<br>100.0  | 99.9<br>100.0  | 99.9<br>100.0  |
| ≥ 500<br>≥ 400        | 92.7         | 99.3         | 99.7         | 99.7         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9         | 100.0<br>100.0 | 100.0<br>100.0 | 100.0<br>100.0 | 100.0<br>100.0 | 100.0<br>100.0 | 100.0<br>100.0 | 100.0<br>100.0 |
| ≥ 300<br>≥ 200        | 92.7         | 99.3<br>99.3 | 99.7         | 99.7         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9         | 100.0          | 100.0          | 100.0          | 100.0<br>100.0 | 100.0          | 100.0<br>100.0 | 100.0          |
| ≥ 100<br>≥ 0          | 92.7         | 99.3         | 99.7         | 99,7         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9         | 100.0<br>100.0 | 100.0          | 100.0<br>100.0 | 100.0          | 100.0          | 100.0<br>100.0 | 100.0          |

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC 10164 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC AIR -EATIER SERVICE/HAC

#### CEILING VERSUS VISIBILITY

" YEARS

£1623

JUNE TON ISLANDINA CIFIC IS

48=71

HINOM 2100-2300

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|                       |                  |              |              |      | ` _  |              |      |            |           | ,     |                  |       |       |              |           |       |
|-----------------------|------------------|--------------|--------------|------|------|--------------|------|------------|-----------|-------|------------------|-------|-------|--------------|-----------|-------|
| CEILING               |                  |              |              |      |      |              | VIS  | BILITY (ST | ATUTE MIL | ESI   |                  |       |       |              |           |       |
| FEET                  | ≥10              | ≥6           | ≥5           | ≥4   | ≥3   | ≥21/2        | ≥ 2  | ≥11⁄2      | ≥114      | ≥1    | ≥ 1 <sub>4</sub> | ≥ %   | ≥ '2  | ≥ 5, 16      | ≥ ¼       | ≥0    |
| NO CEILING<br>≥ 20000 | 76.0             | 67.9         | 57.9<br>80.4 |      | 67.9 | 67.9<br>80.4 |      | 67.9       |           |       | 67.9<br>80.4     | 67.9  |       | 67.9         | 1         | 67.9  |
| ≥ 18000<br>≥ 16000    | 70.7             | 80.2<br>80.4 | 80.4<br>80.6 |      | 80.6 | 80.4<br>60.6 |      | 80.4       |           | • .   | 80.4<br>80.6     |       | 80.6  | 80.4<br>80.6 |           | 8C.4  |
| ≥ 14000<br>≥ 12000    | 77.7             | 81.4         | 81.6         |      | 81.6 |              | 81.6 | 81.6       | 81.6      |       |                  |       |       | 81.6         | 81.6      | 81.5  |
| ≥ 10000<br>≥ 9000     | 71.9             | 85.8         |              | 85.0 | 86.0 | 86.0         | 86.0 | 86.0       | 86.0      | 85.0  | 86.0             | 86.0  | 86.0  | 85.0         |           | 86.0  |
| ≥ 8000<br>≥ 7000      | 85.0             | 89.8<br>90.6 | 90.0         | 90.0 | 90.0 | 90.0         | 90.0 | 90.0       | 90.0      | 90.0  | 90.0             | 90.0  | 90.0  | 90.0         | 90.0      | 90.0  |
| ≥ 6000<br>≥ 5000      | 76.5             | 90.7         | 90.9         |      | 90.9 |              | 90.9 | 90.9       | 90.9      |       | 90.9             | 90.9  |       | 90.9         | 90.9      | 90.9  |
| ≥ 4500<br>≥ 4000      | 87.7<br>*8.1     | 92.1         | 92.9         | 92.4 | 92.4 | 92.4         | 92.4 | 92.4       | 92.4      | 92.4  | 92.4             | 92.4  | 92.4  | 92.4         | 92.4      | 92.4  |
| ≥ 3500<br>≥ 3000      | ⊬8.8<br>/9.1     | 93.4         | 94.0         | 93.8 | 93.8 |              |      |            |           |       |                  |       |       | 93.8         |           | 93.8  |
| ≥ 2500<br>≥ 2000      | <sup>3</sup> 0 0 | 94.6         | 94.9         | 94.9 | 95.0 |              | 95.0 | 95.0       | 95.0      |       |                  | 95.0  | 95.0  | 95.0         | 95.0      | 95.0  |
| ≥ 1800<br>≥ 1500      | 93.6             | 98.7<br>99.1 | 99.0         | 99.1 | 99.1 | 99.1         | 99.2 | 99.2       | 99.2      |       | 99.2             | 99.2  | 99.Z  | 99.2         | 99.2      | 99.2  |
| ≥ 1200<br>≥ 1000      | 93.9             | 99,1         | 99.4         | 99.3 | 99.6 | 99.6         | 99.7 | 99.7       | 99.7      | 99.7  | 99.7             | 99.7  | 99.7  | 99.7         | 99.7      | 99.7  |
| ≥ 900<br>≥ 800        | 93.9             |              | 99.4         | 99.6 |      | 99.7         | 99.8 | 99,9       | 99.9      | 99.9  | 99,9             |       | 99.9  | 99.9         | 99.9      | 99.9  |
| ≥ 700<br>≥ 600        | 93.9             | 99.1         | 99.4         | 99.5 | 99.7 | 99.7         | 99.8 | 99,9       |           |       | 100.0            | 100.0 | 100.0 |              | 100.0     | 100.0 |
| ≥ 500<br>≥ 400        | 93,9             | 99.1         | 99.4         | 99.4 | 99.7 | 99.7         | 99.8 | 99,9       | 99.9      | 100.0 | 100.0            |       | 100.0 |              | 7 7 7 7 7 | 100.0 |
| ≥ 300<br>≥ 200        | 93.9             | 99.1         | 99.4         | 99.6 | 99.7 | 99.7         | 99.8 | 99,9       | 99.9      | 100.0 | 100.0            |       | 100.0 | 100.0        | 100.0     |       |
| ≥ 100                 | , 3, 9           | •            | •            | 99.6 | 99.7 | 99.7         | 99.8 | 99,9       | 99.9      | 100.0 | 100.0            | 100.0 | 100.0 | 100.0        | 100.0     | 100.0 |
| _ ≥ 0                 | 93.9             | 99.1         | 99,4         | 48.4 | 99.7 | 99.7         | 99.8 | 99,9       | 99.9      | 100.0 | 100.d            | 100.0 | 100.0 | 100.0        | 100.0     | 100.0 |

TOTAL NUMBER OF OBSERVATIONS .....

USAF ETAC FORM BELOW 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

### CEILING VERSUS VISIBILITY

11603

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43-71

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING               |                |              |              |              |              |              | VIS          | IBILITY (STA | ATUTE MILI   | ESI          |              |              |              |              |                    |              |
|-----------------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------------|--------------|
| FEET                  | ≥ 10           | ≥6           | ≥ 5          | ≥ 4          | ≥ 3          | ≥2'7         | ≥ 2          | ≥1'2         | 214          | ≥1           | ≥ ⅓          | ≥ 3/8        | دا ≤         | ≥ 5/16       | ≥ ¼                | ≥0           |
| NO CEILING<br>≥ 20000 | 4.4<br>70.1    | 79.4         | 67.5         | 79.5         | 67.5         | 67.5         |              | 67.5<br>79.0 | 67.5         | 67.5<br>79.6 | 79.6         | 67.4<br>79.6 | 69.5<br>79.6 | 79.6         | 79.0               | 67.5<br>79.6 |
| ≥ 18000<br>≥ 16000    | 70.5           | 79.7<br>79.8 | 79.8         | 79.9         | 79.8         | 79.8<br>79.9 | 79.8<br>80.0 | 79.8<br>80.0 | 79.8         | 79.8<br>80.0 | 79.8         | 79.3<br>80.0 | 79.8<br>80.0 | •            |                    | 79.8         |
| ≥ 14000<br>≥ 12000    | 77.1           | 80.5<br>62.1 | 80.7<br>42.1 | 30.7<br>32.1 | 80.7<br>32.1 | 80.7<br>82.1 | 80.8         | 80.8<br>92.2 | 30.8<br>82.2 | 80.8<br>82.2 | 80.8<br>82.2 | 80.8<br>82.2 | 80.8<br>82.2 | 80.8<br>82.2 | 8() . 8<br>82 . 2  | 80.8<br>82.2 |
| ≥ 10000<br>≥ 9000     | 10.2<br>50.8   | 87.7         | 94.0         | 84.7         | 84.7         | 34.7         | 84.1         | 84.1<br>84.8 | 84.1         | 84.1<br>84.8 | 84.1         | 84.1         | 84.1<br>84.8 | 84.1<br>84.8 | 64.1<br>84.8       | 84.1         |
| ≥ 8000<br>≥ 7000      | 3.3<br>4.1     | 87.2         | 87.3         | 07.3<br>88.2 | 87.3<br>88.2 | 87.3<br>88.2 | 88.3         | 87.4<br>88.3 | 87.4         | 87.4<br>88.3 | 88.3         | 87.4         | 88.3         | 87.4         | 87.4               | 87.4<br>88.3 |
| ≥ 6000<br>≥ 5000      | 5.0            | 89.2         | 88.2<br>89.2 | 89.2         | 88.2         | 88.2<br>89.7 | 88.5         | 88.5         | 88.5         | 89.5         | 88.5         | 88.5         | 88.5<br>89.5 | 88.5<br>89.5 | 88.5               | 88,5         |
| ≥ 4500<br>≥ 4000      | შ. წ<br>მ. ე ″ | 91.6<br>91.6 | 90.3         | 90.3         | 90.3         | 90.3         | 91.6         | 90.6<br>91.4 | 90.6<br>91.4 | 90.6<br>91.4 | 90.6<br>91.4 | 90.6         | 90.6         | 90.6<br>91.4 | 91.4               | 90.6         |
| ≥ 3500<br>≥ 3000      | 7.0            | 91.5         | 91.7         | 91.7<br>92.1 | 91.7<br>92.1 | 91.7         | 91.9         | 91.9         | 91.9         | 91.9         | 91.9<br>92.3 | 91.9         | 91.9         | 91.9         | 92.3               | 92.3         |
| ≥ 2500<br>≥ 2000      | 00 e i         | 90.2         | 96.3         | 92.8         |              | 96.4         | 93.1         | 93.1         | 93.1         | 93.1         | 93.1         | 93.1         | 93.1         |              |                    |              |
| ≥ 1800<br>≥ 1500      | 7.3            | 97.6         | 97.0         | 98.4         | 98.5         | 97.9         | 98.2<br>98.9 | 98.7         | 98.2         | 98.2         | 98.9         | 98.2<br>98.9 | 98.2         | 98.2         | 98.9               | 98.2<br>98.9 |
| ≥ 1200<br>≥ 1000      | 26.6           | 99.3         | 98.7         | 98.7         | 96.8         | 98.8         | 99.2         | 99.5         | 99.2         | 99.2         | 99.6         | 99.3         | 99.3         | 99.7         | 99.7               | 99.7         |
| ≥ 900<br>≥ 800        | 92.9           | 94.3         | 99.7         | 98.7         | 99.1         | 99.1         | 99.6         | 99.6         | 99.6         | 99.6         | 99.8         | 99.7<br>99.8 | 99.7         | 99.7         | 99.9               |              |
| ≥ 700<br>≥ 600        | 92.9           | 98.4         |              | 98.8<br>99.8 | 99,3         | 99.3         | 99.7         | 99.7         | 99.7         | 99.8         | 99,9         | 99.9         | 99.9         |              | 100.0              | 100.0        |
| ≥ 500<br>≥ 400        | 92.9           | 98.4         | 98.7         | 98.8         | 99.3         | 99.3         | 99.7<br>99.7 | 99.7         | 99.7         | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 100 • 0<br>100 • 0 | 100.0        |
| ≥ 300<br>≥ 200        | 92.9           | 98.4         | 98.7         | 98.8<br>98.8 | 99.3         | 99.3         | 99.7         | 99.7         | 99.7         | 99.8<br>99.8 | 99.9         | 99.9         |              | 99,9         | 100.0<br>100.0     | 100.0        |
| ≥ 100<br>≥ 0          | 92.9           | 98.4         |              | 98.8         |              | 99.3         | 99.7         | 99.7         | 99.7         | 99 B         |              | 99.9         | 99.9         | 99.9         | 100.0              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS 1458

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SATA PROLESSIEM REARCH SAF ETAT ALL SERVICES TO

### CEILING VERSUS VISIBILITY

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48-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0 100 -0500

| CEILING                   |              | ·            |                      |                      |                      |              | VIS          | IBILITY (STA | ATUTE MILI   | ES)          |              |              |              |              |              |              |
|---------------------------|--------------|--------------|----------------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                      | ≥10          | ≥6           | ≥5                   | ≥ 4                  | ≥3                   | ≥21/2        | ≥ 2          | ≥1%          | ≥1%          | ≥1           | ≥ ⅓4         | ≥ %          | ≥ ′ე         | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000     | 73.9         | 67.7<br>77.6 | 57.2<br>77.6         |                      | 67.2                 | 67.2         | 67.2<br>77.6 | 67.2<br>77.6 | 67.2<br>77.6 | 67.2<br>77.5 |              | 67.2<br>77.6 | 67.2<br>77.6 |              | 67.2<br>77.6 | 67.2         |
| ≥ 18000<br>≥ 16000        | 74.9         | 78.5<br>78.6 | 78.6<br>78.6         |                      | 78.6<br>78.6         | 76.6         | 78.6         | 78.6<br>78.4 | 78.6<br>78.6 | 78.6         | 78.6         | 78.6<br>78.6 | 78.6         | 78.6<br>78.6 | 78.6<br>78.6 | 78.6<br>78.6 |
| ≥ 14000<br>≥ 12000        | 75.6<br>77.6 | 79.7         | 74.7                 | 79.7                 | 79.7                 | 79.7         | 79.7         | 79.7         | 79.7         | 79.7<br>81.7 | 79.7         | 79.7         | 79.7         | 79.7<br>81.7 | 79.7         | 79.7<br>81.7 |
| ≥ 10000<br>≥ 9000         | 79.0         | 63.2<br>84.2 | 34.2                 | 84.2                 | 83.2                 | 63.2<br>64.2 | 84.2         | 53.2<br>84.2 | 93.2<br>84.2 | 83.3         | 83.3         | 83.3         | A3.3<br>84.3 | 83.3         | 83.3<br>84.3 | 83.3         |
| ≥ 8000<br>≥ 7000          | 61.9<br>53.4 | 86.1         | 87.8                 | 86.2<br>87.8         | 87.8                 | 86.2         |              | 86.2<br>87.8 | 86.2<br>87.8 | 86.2<br>87.9 | 86.2         | 86.2<br>87.9 | 86.2         | 87.9         | 86.2<br>87.9 | 86.2<br>87.9 |
| ≥ 6000<br>≥ 5000          | 14,6         | 87.8         | 89.2                 | 89.2                 | 89.3                 | 68.0         | 88.0         | 88.0<br>89,3 | 88.0         | 89.3         | 89,3         | 89.3         | 88.0         | 87.3         | 89.3         | 88.0         |
| ≥ 4500<br>≥ 4000          | 6.0          | 89.3<br>90.7 | 90.7                 | 89.3<br>90.7         | 90.8                 | 89.4<br>90.8 | 90.8         | 90.8         | 90.8         | 90.9         | 89.5<br>90.9 | 90.9         | 99.5         | 89.5<br>90.9 | 90.9         | 90.9         |
| ≥ 3500<br>≥ 3000          | 76.6         | 91.5         | 91.6                 | 92,1                 | 91.7                 | 91.7         | 91.7         | 91.7<br>92.1 | 91.7         | 91.7         | 91.7<br>92.2 | 91.7         | 91.7         | 91.7         | 91.7         | 91.7         |
| ≥ 2500<br>≥ 2000          | 90.7         | 92,9         | 93.0                 | 93.1                 | 93.1                 | 93.1         | 93.1         | 93.1         | 93.1         | 93.2<br>96.6 | 93.2         | 93.2         | 93.2         | 93.2         | 93.2         | 93,2<br>96,6 |
| ≥ 1800<br>≥ 1500          | 91.5<br>91.5 | 94.8<br>97.6 | 97.1<br>98.2<br>98.3 | 97.2<br>98.5<br>98.6 | 97.4<br>98.7<br>98.8 | 97.4         | 97.6         | 98.9         | 97.6         | 99.0         | 97.7         | 99.0         | 97.7         | 97.7         | 97.7         | 97.7         |
| ≥ 1200<br>≥ 1000<br>> 900 | 71.3<br>71.3 | 97.8<br>97.8 | 98.5                 | 98.7                 | 99.1                 | 98.8<br>99.1 | 99.5         | 99.5         | 99.5         | 99.2<br>99.5 | 99.5         | 99.2<br>99.5 | 99.2         | 99.2         | 99.5         | 99.2<br>99.5 |
| ≥ 900<br>≥ 800<br>≥ 700   | 91.5         | 97.8         | 98.5                 | 98.9                 | 99.4                 | 99.5         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 600<br>≥ 500            | √1.><br>71.5 | 97.8         | 98.5                 | 98.9                 | 99.4                 | 99.5         | 99.B         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        |              | 100.0        |
| ≥ 400<br>≥ 300            | 91.5         | 97.8         | 98.5                 | 98.9                 | 99.4                 | 99.5         | 99.8         | 99.8         | 99.6         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 200                     | 91.5         | 97.8         | 98.5                 | 98.9                 | 99.4                 | 99.5         | 99.8         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0        |              | 100.0        |
| ≥ 0                       | 91.5         | 47.8         |                      |                      | 99.4                 | 99.5         | 99.8         | 99,8         | 99.6         | 99.9         | 99.9         | 99.9         |              |              | 100.0        |              |

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

BATA PROCESSING PRANCH JSAF ETAF AIR PEATOFR SENVICENDAC

# **CEILING VERSUS VISIBILITY**

THE TAR TEN AND PACIFIC IS

T.J.

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

TOUR - DROC

| CEILING               |              |              |              |              |              |              | VIS          | IBILITY (STA | ATUTE MIL    | ES)          |              |              |              |              |                |       |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|-------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥4           | ≥3           | ≥2%          | ≥ 2          | ≥1%          | ≥1¼          | ≥1           | ≥ ⅓          | ≥ 5/8        | ≥%           | ≥ 5/16       | ≥ ¼            | ≥0    |
| NO CEILING<br>≥ 20000 | 05.5         | 51.7<br>68.8 | 51.7<br>58.8 |              | 51.7<br>68.8 |              | 51.7         | 51.7<br>68.3 | 51.7         |              |              | 51.7         | 51.7<br>68.8 |              |                |       |
| ≥ 18000<br>≥ 16000    | 66.3         |              | 69.9<br>70.3 | 69.9<br>70.3 | 69.9<br>70.3 | 69.9         | 69.9<br>76.3 | 69.9         | 69.9<br>70.3 | 69.9<br>70.3 | 69.9<br>70.3 | 69.9<br>70.3 | 69.9         | 69.9         | 69.9<br>70.3   | 70.3  |
| ≥ 14000<br>≥ 12000    | 71.4         | 71.8<br>75.1 | 71.8<br>75.1 | 71.4         | 71.6<br>75.1 | 71.6<br>75.1 | 71.8         | 71.8<br>75.1 | 71.8         | 71.8<br>75.1 | 71.8         | 71.8         | 71.8         | 71.8         | 71.6<br>75.1   | 71.8  |
| ≥ 10000<br>≥ 9000     | 74.7         |              | 78.8<br>80.8 | 74.8<br>80.8 | 78.8         | 78.8<br>80.8 | 78.8         | 78.8         | 78.8         |              | . • .        | 78.8         |              | . • .        | 78.8           |       |
| ≥ 8000<br>≥ 7000      | 79.0         | 83.3<br>85.4 | 83.4         | 83.4         |              | 83.4         | 83.4<br>85.6 | 83.4<br>85.6 | 83.4         | 85.6         |              | 83.4         |              | 85.6         | 83.4           | _     |
| ≥ 6000<br>≥ 5000      | 82.8         | 87.2         | 86.2         | 86.2         | 86.2         | 86.2         | 86.2         | 86.2         | 86.2         | 86.2         | 86.2         | 86.2         | _            | 86.2         | 86.2           | ı -ı  |
| ≥ 4500<br>≥ 4000      | 63.8<br>35.6 |              | 88.6         |              |              | -            | 88.6         | 88.6         | 88.6         | 86.6         | 88.6         | 88.6         |              | 88.6<br>90.7 | 98.6           | 88.6  |
| ≥ 3500<br>≥ 3000      | 6.4          | 91.1<br>91.6 | 91.5         |              | 91.5         | 91.5         | 91.6         | 91.6         | 91.6         | 91.6         | 91.6<br>92.1 | 91.6         | 91.6         | 91.6         | 91.6           | 91.6  |
| ≥ 2500<br>≥ 2000      | 91.3         | 93.2         | 93.7         | 93.7         | 93.7         | 93.7         | 93.8         | 93.8         | 93.8         | 93.6         |              | 93.8         |              | 91.8         |                |       |
| ≥ 1800<br>≥ 1500      | 92.7         | 97.6<br>98.7 | 98.3         | 98.3         | 98.3         | 98.3         | 98.5         | 98.5         | 98.5         | 98,5         |              | 98.5         |              | 98.5         | 98.5           | 98.5  |
| ≥ 1200<br>≥ 1000      | 93.5         | 99.8<br>93.9 | 99.3         | 99.3         | 99.4         | 99.5         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8           | 99.8  |
| ≥ 900<br>≥ 800        | 93.6         | -            | 99.3         | 99.3         |              | 99.5         | 99.8         | 99.8         | 99.8         | 99.9         |              | 99.9         | 99.9         | 99.9         | 99.9<br>100.0  | 99.9  |
| ≥ 700<br>≥ 600        | 93.6         |              | 99.4         | 99.4<br>99.4 | 99.5         | 99.6         | 99.9         | 99.9         | 99.9         | 99.9         |              | 99.9         | 100.0        | 100.0        | 100.0          | 100.0 |
| ≥ 500<br>≥ 400        | 93.6         | •            | 99.4         | 99.4         |              | 99.6         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9         | 99.9         | 100.0        | 100.0        |                | 100.0 |
| ≥ 300<br>≥ 200        | 93.6         | 98.9         | 99.4         | 99.4         | 11.          | 99.6         | 99.9         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9         | 100.0        |              | 100.0          | 100.0 |
| ≥ 100<br>≥ 0          | 93.6         | 98.9<br>98.9 | 99.4<br>99.4 | 99.4         | 99.5         | 99.6         | 99.9         | 99,9         | 99.9         | 99.9         | •            | 99.9         |              |              | 100.0<br>100.0 |       |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSION PRANCH USAR ETAN, AIR HEAT ER MERVIGEZARC

### CEILING VERSUS VISIBILITY

JU MISTON ISLAND PACIFIC 15

48-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-1100

| CEILING                 |              | _            |              |                      |              |              | VIS          | BILITY (STA  | TUTE MILE    | <b>S</b> )   |                  |              |              |              |              |              |
|-------------------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|
| FEET                    | ≥10          | ≥6           | ≥5           | ≥ 4                  | ≥3           | ≥2⅓          | ≥2           | ≥11/2        | ≥1¼          | ≥1           | ≥ ¾              | ≥ %          | ≥%           | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000   | 49.3         | 52.1<br>73.4 | 52.1<br>73.4 | 52.1<br>73.4         | 52.1<br>73.4 | 52.1<br>73.4 | 52.1         | 52.1<br>73.4 | 52.1<br>73.4 | 52.1<br>73.4 | 52.1<br>73.4     | 52.1<br>73.4 | 52.1<br>73.4 | 52.1<br>73.4 | 52.1<br>73.4 | 52.1<br>73.4 |
| ≥ 18000<br>≥ 16000      | 70.7         | 74.2         | 74.2         | 74.2<br>75.0         | 74.2         | 74.2         | 74.2         | 74.2<br>75.0 | 74.2         | 74.2         | 74 • 2<br>75 • 0 | 74.2         | 74.2         | 74.2<br>75.0 | 74.2         | 74.2         |
| ≥ 14000<br>≥ 12000      | 77.2         | 77.2<br>60.9 | 77.2         | 77.2<br>80.9         | 77.2         | 77.2<br>80.9 | 77.2<br>80.9 | 77.2<br>30.9 | 77.2<br>80.9 | 77.2<br>80.9 | 77.2<br>80.9     | 77.2<br>80.9 | 77.2<br>80.9 | 7 -          | 77.2<br>80.9 | 77.2<br>80.9 |
| ≥ 10000<br>≥ 9000       | 82.2         | 86.2         | 84.7         | 84.7                 | 80.2         | 84.7         | 84.7         | 84.7         | 86.2         | 84.7         | 84.7             | 84.7         | 84.7         | 84.7         | 84.7         | 84.7         |
| ≥ 8000<br>≥ 7000        | 24.8         | 88.8         | 59.3         | 88.8                 | 89.3         | 88.8         | 88.8         | 88.8         | 89.3         | 88.8         | 88.8             | 88.8         | 89.3         | 89.3         | 88.8         | 89.3         |
| ≥ 6000<br>≥ 5000        | 7.4          | 91.5         | 91.5         | 91.5                 | 91.5         | 91.5         | 99,9         | 91.5         | 91.5         | 91.5         | 91.5             | 91.5         | 91.5         | 91.5         | 89.9<br>91.5 | 91.5         |
| ≥ 4500<br>≥ 4000        | :9.3         | 91.8         | 91.8         | 93.7                 | 91.8         | 91.8         | 91.8         | 91.8         | 93.7         | 91.8         | 91.8             | 91.7         | 91.8         | 91.8         | 91.6         | 91.8<br>93.7 |
| ≥ 3500<br>≥ 3000        | 90.1         | 94.5         | 94.2         | 94.2                 | 94.7         | 94.7         | 94.3         | 94.7         | 94.7         | 94.7         | 94.7             | 94.7         | 94.7         | 94.7         | 94.7         | 94.7         |
| ≥ 2500<br>≥ 2000        | 93.1         | 95.2         | 98.2         | 98.3                 | 95.4         | 95.4         | 95.4         | 95,4<br>98,3 | 98.3         | 95.4         | 95.4             | 95.4         | 99.4         | 98.4         | 98.4         | 98.4         |
| ≥ 1800<br>≥ 1500        | 93.9<br>93.9 |              | 98.7<br>99.1 | 99.7<br>99.2<br>99.4 | 98.8         | 98.8         | 99.3         | 99,3         | 99.3         | 99.3         | 99.4             | 98.9<br>99.4 | 99.4         | 99.4         | 99.4         | 99.4         |
| ≥ 1200<br>≥ 1000        | 93.9         | 99.0         | 99.3         | 99.4                 | 99.5         | 99.5         | 99.5         | 99.5         | 99.5         | 99.7         | 99.8             | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         |
| ≥ 900<br>≥ 800<br>> 700 | 73.9         | 99.1         | 99.3         | 99.5                 | 99.5         | 99.5         | 99.6         | 99.6         | 99.6         | 99.7         | 99.9             | 99.9         | 99.9         | 99,9         | 99.9         | 99.9         |
| ≥ 600                   | 93.9         | 99.1         | 99.3         | 99.5                 | 99.5         | 99.5         | 99.6         | 99.6         | 99.6         | 99.8         | 99,9             | 99,9         | 99.9         | 99,9         | 99.9         | 100.0        |
| ≥ 500<br>≥ 400<br>≥ 300 | 93.9         | 99.1         | 99.3         | 99.5                 |              | 99.5         | 99.6         | 99.0         | 99.6         | 99.8         | 99.9             | 99.9         | 99.9         | 99.9         | 99.9         | 100.0        |
| ≥ 200                   | 93.9         | 99.1         | 99.3         | 99.5                 | 99.5         | 99.5         | 99.6         | 99.6         | 99.6         | 99.8         | 99.9             | 99.9         | 99.9         | 99.9         | 99.9         | 100.0        |
| ≥ 100                   | 93.9         |              | 99.3         | 99.5                 | 1171         | 99.5         | 99.6         | 99,0         | 99.6         |              | 1 - 1            | 99,9         |              | 99,9         |              | 100 C        |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCH LSAF ETAL AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

£10

JUINSTER ISLANDING TAME IFIC IS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING                    |                    |                      |              |                      |                      |                      | VIS          | IBILITY (STA | ATUTE MIL            | ESı          |              |              |              |                  |              |              |
|----------------------------|--------------------|----------------------|--------------|----------------------|----------------------|----------------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|
| FEET                       | ≥10                | ≥6                   | ≥ 5          | ≥ 4                  | ≥3                   | ≥21⁄2                | ≥ 2          | ≥1'2         | ≥1 ¼                 | ≥1           | ≥ 3,4        | ≥ 3/8        | ≥%           | ≥ 5/16           | ≥%           | ≥0           |
| NO CEILING<br>≥ 20000      | *8.0               | 75.5                 | 50.7<br>75.5 | 50.7<br>75.5         | 50.7<br>75.5         | 50.7<br>75.5         | 50.7         | 50.7<br>75.5 | 50.7<br>75.5         | 75.5         | 50.7<br>75.5 | 50.7<br>75.5 | 50.7<br>75.5 | 50.7<br>75.5     | 50.7<br>75.5 | 1 1          |
| ≥ 18000<br>≥ 16000         | 72.6               | 76.1                 | 76.1<br>76.7 | 76.1<br>76.7         | 76.1                 | 76.1                 | 76.1<br>76.7 | 76.1<br>76.7 | 76.1<br>76.7         | 76.1<br>76.7 | 76.1<br>76.7 | 76.1<br>76.7 | 76.1<br>76.7 | 76.1<br>75.7     | 76.1<br>76.7 | 76.1<br>76.7 |
| ≥ 14000<br>≥ 12000         | 74.0               | 79.1<br>82.2         | 78.1         | 78.1                 | 78.1                 | 78 • 1<br>62 • 2     | 78.1<br>82.2 | 78.1<br>82.2 | 78.1                 | 78.1<br>82.2 | 78.1<br>82.2 | 78.1<br>82.2 | 78.1<br>82.2 | 78 • 1<br>82 • 2 | 78.1<br>82.2 | 79.1<br>82.2 |
| ≥ 10000<br>≥ 9000          | 2.9                | 85.3<br>87.0         | 87.0         |                      | 85.4                 | 87.0                 | 85.3         | 85.3<br>87.0 | 87.0                 | 87.0         | 87.0         | 87.0         | 67.0         |                  | 95.3<br>87.0 |              |
| ≥ 8000<br>≥ 7000           | 24,3               |                      | 49.2         | 69.2                 | 88.5                 | 89.2                 |              | 89.2         | 88.5                 | 89.2         | 88.5         | 88.5         | 88.5<br>89.2 | 88.5             | 88.5         | 89.2         |
| ≥ 6000<br>≥ 5000           | 26.7               | 90.0<br>90.8         | 90.8         | 90.4                 | 90.0                 | 90.0                 |              | 90.0         |                      | 90.8         | 90.8         | 90.0         | 90.8         | 30.8             | 90.0         | 90.8         |
| ≥ 4500<br>≥ 4000           | , 6 . 8<br>. 6 . 9 |                      |              | _                    | 91.1                 | 91.1                 | 93.6         |              |                      |              | 93.7         |              | 91.1         | 91.1             | 93.7         | 91.1         |
| ≥ 3500                     | 9.6                | 94.2                 | 94.3         | 94.3                 | 94.4                 | 94.4                 | 94.4         |              | 94.4                 | 94,5         | 94.5         | 94.5         | 94.5         | 94.5             | 94.1         | 94.1         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 90.4<br>93.8       | 95.0<br>97.9<br>98.9 | 98.0         | 95.1<br>96.0<br>98.9 | 95.2<br>98.1<br>99.1 | 95.2<br>98.1<br>99.1 | 95.2         | 98.2         | 95.2<br>98.2<br>99.2 | 95.3<br>98.3 | 95,3<br>98,3 | 95,3<br>98.3 | 98,3         | 95.3<br>98.3     | 98.3<br>98.3 | 95.3<br>98.3 |
| ≥ 1500                     | 74.0               | 99.1                 | 99.3         | 99.3                 | 99.5                 | 99.3                 | 99.6         |              | 99.6                 | 99.7         | 99.7         | 99.7         | 99.7         | 99.7             | 99.7         | 99.7         |
| ≥ 1000                     | 94.1               | 99.2                 | 99.3         | 99,5                 | 99.7                 | 99.7                 | 99.7         | 99.7         | 99.7                 | 99.8         | 99.8         | 99.8         | 99,9         | 99.9             | 99.9         | 99.9         |
| ≥ 800                      | 94.1               | 99.2                 | 99.3         | 99.5                 | 99.7                 | 99.7                 | 99.7         | 99.7         | 99.7                 | 99,9         | 99,9         | 99.9         | 99.9         | 99.9             | 99,9         | 99,9         |
| ≥ 500                      | 94.1               | 99.2                 | 99,3         | 99.5                 | 99.7                 | 99.7                 | 99.7         | 99.7         | 99.7                 | 99.9         | 99.9         | 99.9         | 99.9         | 99.9             | 99.9         | 99.9         |
| ≥ 400                      | 94.1               | 99,2                 |              | 99.5                 | 99.7                 | 99.7                 | 99.7         | 99.7         | 99.7                 | 99.9         | 99,9         | 99.9         | 99.9         | 99,9             | 100.0        | 100.0        |
| ≥ 200                      | 94.1               | 99.2                 |              | 99.5                 | 99.7                 | 99.7                 | 99.7         | 99.7         | 99.7                 | 99.9         | 99,9         | 99.9         | 99,9         | 99,9             | 100.0        | 100.0        |
| ≥ 0                        | 94.1               | 99,2                 | 99.3         | 99.5                 | 99,7                 | 99,7                 | 99.7         | 99,7         | 99.7                 | 99,9         | 99.9         | 99,9         | 99.9         | 99,9             | 100.0        | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_

1488

USAF ETAC 10164 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 2 I

DATA PROCESSING ORANGE PSAF ETAL AIR EAT ER EFVICET AC

# CEILING VERSUS VISIBILITY

JUHNSTON ISLAND PACIFIC IS

48-71

1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                    |              |              |                      |              |              |                      | VIS   | IBILITY (ST | ATUTE MIL      | ES)                  |              |                      | , ,                  |                      |                |                      |
|----------------------------|--------------|--------------|----------------------|--------------|--------------|----------------------|-------|-------------|----------------|----------------------|--------------|----------------------|----------------------|----------------------|----------------|----------------------|
| FEET.                      | ≥10          | ≥6           | ≥5                   | ≥ 4          | ≥3           | ≥21/2                | ≥2    | ≥11/2       | 21%            | ≥1                   | ≥ 3/4        | ≥ %                  | ≥%                   | ≥ 5/16               | ≥ ¼            | ≥0                   |
| NO CEILING<br>≥ 20000      | 9.1          | 47.5         | 47.8                 | 47.7         | 47.8<br>72.2 | 72.2                 | 47.8  | 47.8        | 47.8           | 47.8                 | 47.8         | 47.8                 | 47.8                 | 47.8                 | 72.2           | 72.2                 |
| ≥ 18000<br>≥ 16000         | 70.3         | 72.9         | 72.9                 | 72.9         | 72.9         | 72.9                 | 72.9  | 73,5        | 72.9           | 72.9                 | 73.5         | 72.9                 | 72.9                 | 72.9                 | 73.5           | 73.5                 |
| ≥ 14000<br>≥ 12000         | 71.7         | 74.9         | 74.9<br>78.8         | 74.9<br>78.8 |              | 78.8                 |       | 78,4        | 74.9<br>78.8   | 78.6                 |              | 74.9<br>78.8         | 78,8                 | 74.9<br>78.8         | 74.9           | 78.8                 |
| ≥ 10000<br>≥ 9000          | 78.7         | 82.4         | 82.4                 | 84,5         | 82.4<br>84.5 | 82.4                 | 82.4  | 84.5        | 84.5           | 82.4                 | 82.4<br>84.5 | 82.4                 | 84.5                 | 82.4                 | 92.4           | 82.4<br>84.5<br>87.0 |
| ≥ 8000<br>≥ 7000<br>≥ 6000 | 2.9<br>64.2  | 84.7<br>88.3 | 87.0<br>88.4<br>89.1 | 87.0<br>88.4 | 88.4<br>89.1 | 87.0<br>88.4<br>89.1 | 88.4  |             | 87.0<br>88.4   | 87.0<br>88.4<br>89.1 | 1 - 1 - 1    | 87.0<br>88.4<br>89.1 | 87.0<br>88.4<br>89.1 | 87.0<br>88.4<br>89.1 | 88,4<br>89.1   | 88.4                 |
| ≥ 5000<br>≥ 5000<br>≥ 4500 | 86.3         | 90.4         | 90.5                 | 90.5         | 90.5         | 90.5                 | 90.5  | 90.5        | 90.5           | 90.5                 | 90.5         | 90.5                 |                      | 90.5                 | 90.5           | 90.5                 |
| ≥ 4000<br>≥ 3500           | 3.8          | 93.2         | 93.3                 | 93.3         | 93.7         | 93.7                 | 93.3  |             | 93.7           | 93.3                 | 93.3         | 93.7                 | 93.7                 | 93.3                 | 93.7           | 93.3                 |
| ≥ 3000<br>≥ 2500           | 9.3          | 93.8         | 93.9                 | 93,9         | 93.9         | 93.9                 | 93,9  | 93.9        | 93.9           | l                    | 93.9         | 93.9                 | 93.9                 | 93,9                 | 93.9           | 93.9                 |
| ≥ 2000                     | 3.3          | 98.5         | 98.7                 | 98.7         | 98.0         | 98.7                 | 98.1  |             | 98.1           | 98.8                 | 98.1         | 98.1                 |                      | 98.1                 |                |                      |
| ≥ 1500                     | 93.7         | 99.4         | 99.7                 | 99.5         | 99.5         | 99.8                 |       | 99.9        | 99.6           | 99.6                 | 1 1          | ,,,,,                |                      | 99.6                 | 99.9           | 99.9                 |
| ≥ 1000<br>≥ 900<br>≥ 800   | 73.8         | · • • . I    | 99.8                 |              | 99.9         | 99.9                 | 99.9  | 99.9        | 99.9           |                      | 99.9         | 99,9                 | 99.9                 | 99,9                 | 99,9           |                      |
| ≥ 700<br>≥ 600             | 93.8<br>93.8 |              | 99,9                 | 99.9         |              | 99,9                 | 100.0 | 100.0       | 100.0<br>100.0 |                      | 100.0        | 100.0                | 100.0                | 100.0                | 100.0<br>100.0 | 100.0                |
| ≥ 500<br>≥ 400             | 93.8         | 99.5         | 99.9                 |              | 99.9         | 99.9                 | 100.0 | 100.0       | 100.0          |                      | 100.0        | 100.0                | 100.0                | 100.0                | 100.0          | 100.0                |
| ≥ 300<br>≥ 200             | 93.8         | 99.5         | 99,9                 | 99.9         | 99.9         | 99.9                 | 100.0 | 100.0       | 100.0          | 100.0                | 100.0        | 100.0                | 100.0                | 100.0                | 100.0          | 100.0                |
| ≥ 100<br>≥ 0               | 73.8         |              | 99,9                 | · · · •      | 1            |                      |       | 1           |                |                      | 100.0        |                      |                      |                      |                | 100.0                |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CATA PROCESSING PRANCH USAF ETAC AIR WEATHER SPRINTOF/FAC

### CEILING VERSUS VISIBILITY

21602

2

WHITE TOW ISLAND/PACIFIC IS

48-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-5000

| CEILING                    |                      |              |              |              |                      |              | VIS          | IBILITY (ST  | ATUTE MIL    | ES:            |              |                     |              | _            |                  |                |
|----------------------------|----------------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|----------------|--------------|---------------------|--------------|--------------|------------------|----------------|
| FEET                       | ≥10                  | ≥6           | ≥5           | ≥4           | ≥3                   | ≥21/2        | ≥ 2          | ≥1½          | ≥1%          | ≥1             | ≥ ¾          | ≥ %                 | ≥ ½          | ≥ 5/16       | ≥¼               | ≥0             |
| NO CEILING<br>≥ 20000      | 19.3                 | 53.6<br>73.2 | 53.6<br>73.2 | 73.2         | 53.6<br>73.2         | 53.6<br>73.2 | 53.6<br>73.2 | 53.6<br>73.2 | 53.6<br>73.2 | 53.6<br>73.2   | 53.6<br>73.2 | 53.6<br>73.2        | 53.6<br>73.2 | 53.6<br>73.2 | 53.6<br>73.2     | 53.6<br>73.2   |
| ≥ 18000<br>≥ 16000         | 73.3                 | 74.7         | 73.7<br>74.2 | 73.7         | 73.7                 | 73.7         | 73.7         | 73.7         | 73.7         | 73.7           | 73.7         | 73.7                | 73.7         | 73.7         | 73.7             | 73.7<br>74.2   |
| ≥ 14000<br>≥ 12000         | 72.3                 | 76.4         | 76.4         |              | 76.4                 | 76.4         | 76.4         | 79.6         | 76.4         | 76.4           | 76.4<br>79.6 | 76.4                | 76.4<br>79.6 | 76.4<br>79.6 | 76.4             | 76.4<br>79.6   |
| ≥ 10000<br>≥ 9000          | 77.8                 | 83,5         | 32.2<br>83.5 | 83.5         | 82.2<br>83.5         | 82.2<br>83.5 | 82.2<br>83.5 | 83.5         | 82.2         | 83.5           | 83.5         | 82.2                | 83.5         | 82.2<br>83.5 | P2.2             | 83.5           |
| ≥ 8000<br>≥ 7000           | 2.0                  | 85.7         | 85.8         | 87.3         | 87.3                 | 85.8         | 85.8         | 85.3<br>87.4 | 87.4         | 87.5           | 87.5         | 86.0<br>87.5        | 87.5         | 86.0<br>87.5 | 86.0<br>87.5     | 87.5           |
| ≥ 6000<br>≥ 5000           | 3.0                  | 87.6         | 87.7         | 39.2         | 87.7                 | 87.7<br>59.2 | 87.8         | 87.8<br>89.2 | 89,2         | 89.4           | 37.9<br>89.4 |                     | 89.4         | 87.9<br>69.4 | A9.4             | 89.4           |
| ≥ 4500<br>≥ 4000           | 16.3                 | 91.2         | 89.9         | 91.3         | 91.3                 | 89.9         | 91.3         | 91.3         | 91.3         | 91.5           | 90.1         | 90.1<br>91.5        | 7 8 8 4      | 90•1<br>91•5 | 90 • 1<br>91 • 5 |                |
| ≥ 3500                     | - 6.3                | 91.7         | 91.8         | 91.9         | 91.8                 | 91.5         | 91.9         | 91.9         | 92.0         | 92.1           | 92.0         | 92.0                | 92.1         | 92.0<br>92.1 | 92.1             | 92.1           |
| ≥ 2500<br>≥ 2000           | "8.d                 | 93.3         | 93.4         | 93.4         | 96.6                 | 96.8         | 93.5         | 93.5         | 93.5         | 97.1           | 93.7         | 93.7<br><u>97.1</u> | 93.7         | 97.7         | 93.7<br>97.1     | 97.1           |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 93.4<br>93.0<br>93.1 | 97,9<br>98,9 | 94.0<br>99.0 | 98.0<br>99.1 | 99.1                 | 98.0<br>99.1 | 98.2<br>99.3 | 98,2<br>99,3 | 98.2         | 99.4           | 99.4         | 98.3                | 98.3         | 98.3         | 99.4             | 98.3<br>99.4   |
| ≥ 1000                     | 3.3                  | 99.3         | 99.5         | 99.6<br>99.7 | 99.3<br>99.6<br>99.7 | 99.6         | 99.8         | 99.8         | 99.5         | 99,7           | 99.7         | 99,7<br>99,9        | 99.9         | 99.7         | 99.7<br>99.9     | 99.9           |
| ≥ 900<br>≥ 800<br>≥ 700    | 73.3                 | 99.3         | 99.5         | 99.7         | 99.7                 | 99.7         | 99.9         | 99.9         | 99,9         | 100.0<br>100.0 | 100.0        | 100.0               | 100.0        | 100.0        | 100.0            | 100.0          |
| ≥ 600                      | (3.3                 | 99.3         | 99.5         | 99.7         | 99.7                 | 99.7         | 99,9         | 99,9         | 99,9         | 100.0          | 100.0        | 100.0               | 100.0        | 100.0        | 100.0            | 100.0          |
| ≥ 500<br>≥ 400<br>≥ 300    | 73.3                 | 99.3         | 99.5         | 99.7         |                      | 99.7         | 99,9         | 99.9         | 99,9         | 100.0          | 100.0        | 100.0               | 100.0        | 100.0        | 100.0            | 100.0<br>100.0 |
| ≥ 200                      | 43.3<br>03.3         | 99,3         | 99.5         | 99.7         | 99.7                 | 99.7         | 99.9         | 99.9         | 99,9         | 100.0          | 100.0        | 100.0               | 100.0        | 100.0        | 100.0            | 100.0          |
| ≥ 100<br>≥ 0               | 93.                  | 99.3         | 99.5         | 99.7         | 1                    | 99,7         | 99,9         | 99,9         |              | 100.0          |              | 100.0               | 100.0        |              |                  | 100            |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_

1480

USAF ETAC FORM OF 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PATA PROCESSING SKAUCH

SAP LTAC ALP EAT EF FOUTCENTO

### CEILING VERSUS VISIBILITY

ZIO ...

JOE NO FOR ISLANDIPACIFIC IS

48-71

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (\$7

| CEILING               |              |              | _            |              |              |              | VISI                 | BILITY (STA  | ATUTE MILI   | ES)          |              |              |              |              |                |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2'2         | ≥ 2                  | ≥1 ½         | ≥1%          | ≥1           | ≥ 1/2        | ≥ 2⁄8        | ≥ 1/2        | ≥ 5,16       | ≥ 1/4          | ≥0           |
| NO CEILING<br>≥ 20000 | 75.0         | 78.8         | 65.4<br>78.8 | - 1          | 65.4<br>78.8 | 78.8         | 55.4<br>78.8         | 65.4<br>78.8 | 65.4<br>78.8 | 65.4<br>78.8 | 65.4<br>78.8 | 65.4<br>78.9 | 65.4<br>78.8 | 65.4<br>78.8 |                | 65.4<br>78.8 |
| ≥ 18000<br>≥ 16000    | 76.5         | 79.3         | 79.3         | 79,3         | 79.3         | 79.3         | 79.3                 | 79.3<br>79.8 | 79.3         | 79.3         | 79.3         | 79.3         | 79.3         | 79.3         | 79.3           | 79.3<br>79.8 |
| ≥ 14000<br>≥ 12000    | 77.3<br>79.6 | 80.5<br>83.1 | 30.8<br>93.1 | 80.8<br>83.1 | 80.8<br>83.1 | 80.8<br>83.1 | व <b>0.8</b><br>व3.1 | 30,8<br>83,1 | 80.8         | 80.8<br>83.1 | 80.8         | 80.R<br>83.1 | 83.1         | 80.8<br>83.1 | 80.8<br>1.63   | 80.8<br>83.1 |
| ≥ 10000<br>≥ 9000     | 1.4          | 85.8         | 85.1         | 85.1<br>85.8 | 85.1         | 85.1<br>85.8 | 85.1                 | 35.1<br>85.8 | 85.1<br>85.8 | 85.1<br>85.8 | 95.1<br>85.8 | 85.1<br>85.9 | 85.1<br>85.8 | 85.1         | 85.1<br>85.8   | 85.1<br>85.8 |
| ≥ 8000<br>≥ 7000      | 53.4<br>54.2 | 87.2<br>88.0 | 87.2<br>54.1 | 87.2<br>88.1 | 87.2<br>88.1 | 87.2         | 87.2<br>88.1         | 87.2<br>88.1 | 87.2         | 87.2<br>88.1 | 87.2<br>88.1 | 87.2<br>88.1 | 87.2         | 87.2<br>88.1 | 56.1           | 87.2<br>88.1 |
| ≥ 6000<br>≥ 5000      | 5,5          | 88.3<br>89.4 | 88.5         | 88,5<br>89,5 | 88.5<br>89.5 | 88.5         | 89.7                 | 88,6<br>39,7 | 88.6         | 89.7         | 88.6         | 88.4         | 88.6<br>89.7 | 88.6         | 88.6           | 88.6         |
| ≥ 4500<br>≥ 4000      | 10.0         | 90.6         |              | 90.3         | 90.0         | 90.6<br>90.8 | 70.1<br>90.9         | 90.9         | 90.1         | 90.1         | 90.1         | 90.9         | - · · · ·    | 90.1         | - 4 -          | 90.9         |
| ≥ 3500<br>≥ 3000      | 7.2          | 91.5         | 91.4         | 91.6         | 91.4         | 91.6         | 91.5                 | 91.5         | 91.5         | 91.5         | 91.5         | 91.5         | 91.5         | 91.5         | 91.8           | 91.8         |
| ≥ 2500<br>≥ 2000      | 11.6         | 90.4         | 93.0         | 96.7         | 93.0         | 93.0         | 93.2                 | 99,2         | 93.2         | 93,2         | 93.2         | 93.2         | 96.9         | 93.2         |                | 93.2         |
| ≥ 1800<br>≥ 1500      | 92.9         | 97.8         | 98.2         | 98.9         | 98.3         | 98.3         | 98.5                 | 98.5         | 99.3         | 98.6         | 98.6         | 98.6         | 99.4         | 99.4         | 99.4           | 99,4         |
| ≥ 1200                | 33.0<br>43.1 | 95.6         | 99.1         | 99.1         | 99.1         | 99.1         | 99.4                 | 99.0         | 99.5         | 99.5         | 99.5         | 99.5         | 99.6         | 99.6         | 99,7           |              |
| ≥ 900<br>≥ 800        | 93.2         | 96.7         | 99.2         | 99.2         | 99.3         | 99.3         | 99.5                 | 99.6         | 99.6         | 99.7         | 99.9         | 99.7         |              | 99.9         | 99.9           | 99.7         |
| ≥ 700<br>≥ 600        | 93.2         | 98.7         | 99.3         | 99.3         | 99.3         | 99.3         | 99.7                 | 99.7         | 99.7         | 99.8         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9           | 99.9         |
| ≥ 500<br>≥ 400        | 93.2         | 98.7         | 99.3         | 99,3         | 99.3         | 99.3         | 99.7                 | 99.7         | 99.7         | 99.6         | 99.9         | 99.9         | 100.0        | 100.0        | 100.0          | 100.0        |
| ≥ 300<br>≥ 200        | 23.2         | 98.7         | 99.3         | 99.3         | 99.3         | 99.3         | 99.7                 | 99.7         | 99.7         | 99.8         | 99,9         | 99.9         | 100.0        | 100.0        |                |              |
| ≥ 100<br>≥ 0          | 93.2         | 98.7<br>98.7 | 99.3         | 99.3         | 99.3         | 99.3         | 99.7                 | 99.7         | 99.7         | 99.8         | 99.9         | 99.9         | ****         |              | 100.0<br>100.0 |              |

TOTAL NUMBER OF OBSERVATIONS\_\_\_\_\_

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSQUETE

2

LATA PRESISSING RANGO ATE BAT EN SERVICTY SE

#### CEILING VERSUS VISIBILITY

21603 A

JIMARYT + INCAM MARE IFIC 15

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING               |                   |              |              |              |              |              | VIS                  | BILITY (STA  | ATUTE MILI   | ESI              |              |              |              |              |              |              |
|-----------------------|-------------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                  | ≥10               | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2'2         | ≥ 2                  | ≥11/5        | ≥1!4         | ≥1               | ≥ 34         | ≥ %          | ≥ ⅓2         | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000 | 14.7              | 70.9         | 70.9         | 70.9         |              | 70.9         | 70.9                 | 70.7<br>77.8 | 70.9         | -                | 70.9<br>77.8 |              | 70.9         |              |              | 70.9<br>77.8 |
| ≥ 18000<br>≥ 16000    | 74.9              | 78.1<br>78.2 | 78.1<br>78.2 | 78.1<br>78.2 | 78.1<br>78.2 | 78.1<br>78.2 | 78.1<br>78.2         | 78.1<br>78.2 | 78.1<br>78.2 | 78 • 1<br>78 • 2 | 78.1<br>78.2 |              | 78 · 1       | 7º • 1       | 76.1         | 78.1         |
| ≥ 14000<br>≥ 12000    | 75.6              | 78.9<br>51.0 | 78.9<br>31.0 | 78.9<br>81.0 | 78.9<br>81.0 | 78.5         | 78.9                 | 78.9         | 78.9         | 78.9             | 78.9         |              | 76.9<br>P1.0 | 79.9         |              | 78.7<br>81.0 |
| ≥ 10000<br>≥ 9000     | 60.5<br>61.0      | 84.4         | 54.4<br>54.9 | 84.4<br>84.9 | 84.5         | 84.5<br>85.0 | 84 <b>.5</b><br>85.0 | 84.5<br>85.0 | 84.5         | 84.5<br>85.0     |              | 84.5<br>85.0 | 84.5         | 84.5         | 1 . * * [    | 84.5         |
| ≥ 8000<br>≥ 7000      | 72.5<br>1.5.8     | 86.1         | 86.8<br>88.1 | 86.8<br>88.1 | 86.9<br>88.2 | 86.9<br>88.2 | 88.2                 | 96.9         | 86.9         | 86.9<br>80.2     | -            | _            | 86.9         | 86.9<br>88.2 |              | 86.9<br>88.2 |
| ≥ 6000<br>≥ 5000      | 84.2              | 88,5<br>84.2 | 88.6         | 88.6         | 58.6<br>89.4 | 89.4         | 88.6                 |              | 88.6         | 89.6<br>89.4     |              |              | 88.6         | -            | 88.6<br>89.4 | 88.5<br>89.4 |
| ≥ 4500<br>≥ 4000      | *5.4<br>56.7      | 59.9<br>91.1 | 39.9<br>91.2 | 39.9<br>91.2 | 90.0<br>91.2 | 90.0         | 90.0                 | 90.0         | 90.0         | 91.3             | 91.3         | 91.3         | 90.0         | _            |              | 91.3         |
| ≥ 3500<br>≥ 3000      | -7.2              | 91.6         | 91.7         | 91.7<br>92.4 | 1            | 91.7<br>92.5 | 91.8                 | 92.5         | 91.8<br>92.5 | 92.5             | 92.5         | 92,5         | 91.8         |              |              | 92.5         |
| ≥ 2500<br>≥ 2000      | 92.0              | 93.0<br>97.2 | 93.1         | 93.2<br>97.6 | 97.8         | 93.3<br>97.8 | 93.4                 | 97.9         | 93.4         | 93.4             | 97,9         | 97.9         | 93.4         | 97.9         | 97.9         | 97,9         |
| ≥ 1800<br>≥ 1500      | 43.0              | 98.3         | 98.6         | 99.3         | 99.4         | 98.8<br>99.4 | 99.0                 | 99.7         | 99.0         | 99.7             | 99.7         | 99.7         | 99.0         | 99.7         | 99.7         | 99.0<br>99.7 |
| ≥ 1200<br>≥ 1000      | 93.5<br>93.5      | 95.8         | 99.3         | 99.4         | 99.6         | 99.6         | 99.9                 | 99,9         | 99.9         | 99.9             | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 900<br>≥ 800        | 93.5              | 99.8         | 99.4         | 99.5         | 99.6         | 99.6         | 99.9                 | 99,9         | 99.9         |                  | 100.0        | 100.0        |              |              | 100.0        |              |
| ≥ 700<br>≥ 600        | 93.5<br>4.69<br>5 | 98.8         | 99.4         | 99,5         | 99.0         | 99.6         | 99.9                 | 99.9         | 99,9         | 100.0            | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 500<br>≥ 400        | 93.3              | 90.8<br>95.8 | 99.4         | 99.5         | 99.6         | 99.6         | 99.9                 | 99,9         | 99.9         | 100.0            | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 300 ≥ 200           | 93.5              | 98.8<br>98.8 |              | 99.5         | 99.0         | 99.6         | 99,9                 | 99.9         | 99.9         | 100.0            | 100,0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 100<br>≥ 0          | 93.5              | 98.8         |              | 99.5         |              | 99.6         | 99.9                 | 99,9         |              |                  |              |              |              |              | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS 1361

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

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JUDESTON ISLAND/PACIFIC IS

48-71

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C 100-0500

| CEILING               |              |              |              |              |              |                  | VIS          | BILITY ISTA  | ATUTE MIL    | ES           |              |      |      |                |                  |              |
|-----------------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|------|------|----------------|------------------|--------------|
| FEET                  | ≥10          | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2'.             | ≥ 2          | ≥1:          | ≥114         | ≥1           | ≥ ⅓4         | 5 ,* | ≥ ′2 | ≥5 16          | ≥¼               | ≥0           |
| NO CEILING<br>≥ 20000 | △9.1<br>75.1 | 71.6<br>73.1 | 78.1         | 78.1         | 78.1         | 71.6             | 71.6<br>73.1 | 78.1         | 71.6<br>78.1 | 75.1         | 78.1         | 73.1 | 71.6 | 71.6<br>73.1   | 71.6<br>78.1     | 71.6<br>78.1 |
| ≥ 18000<br>≥ 16000    | 75.2         | 75.1         | 78.1<br>78.4 | 73.1<br>73.4 | 78.1<br>78.4 | 7월 • 1<br>7월 • 4 | 78.1<br>78.4 | 78,1<br>78,4 | 70.1         | 78.1<br>72.4 | 78.1<br>78.4 | 71.1 | 78.4 | 73.1<br>78.4   | 76 • 1<br>70 • 4 | 78.1<br>78.4 |
| ≥ 14000<br>≥ 12000    | 76.5<br>77.9 | 79.7         | 79.7         | 79.7         | 79.7         | 79.7             | 79.7         | 79.7         | 79.7         | 79.7<br>81.3 | 79.7         | 79.7 | 79.7 | 79.7<br>81.3   | 79.7             | 79.7<br>81.3 |
| ≥ 10000<br>≥ 9000     | 80.8         | 84.6<br>65.3 | 34.0         | 84.6<br>85.3 | 84.6         | 84.6             | 84.6         | 85.3         | 84.6         | 84.6<br>85.3 | 84.6<br>85.3 | 84.6 | 84.6 | 84.6<br>85.3   | 84.6<br>85.3     | 84.6         |
| ≥ 8000<br>≥ 7000      | 65.0         | 4. — [       | 1            | 80.9<br>57.5 | 86.9         | 87.5             | 86.9<br>87.5 | 27.5         | 86.9         |              | 86.9         | 86.9 |      |                | 86.9             | 86.9<br>87.5 |
| ≥ 6000<br>≥ 5000      | 64.7         | 87,6         | - 1          | 1            | 77.6<br>88.8 | 87.6             | 67.6<br>88.8 | 87.6<br>58.8 | 87.6         | -            |              | 87.6 | ſ    |                | 87.6             | 87.6         |
| ≥ 4500<br>≥ 4000      | -5.5<br>Fo.7 | 89.5<br>90.7 | 89.7         | 1            | 89.7<br>90.8 | 89.7             | 89.7<br>90.8 | 89.7<br>90.8 | 89.7         |              |              | 87.7 | 89.7 |                | 99.7             | -            |
| ≥ 3500<br>≥ 3000      | 7.3          | 91,5         | 91.7<br>91.8 | m            |              | 91.7             | 91.7         | 91.7         | 91.7         | 91.7         | 91.7<br>91.8 | 91.7 |      |                | 91.7<br>91.8     |              |
| ≥ 2500<br>≥ 2000      | 7.0<br>61.2  | 91.9         | 92.0         |              | 97.1         | 92.1             | 92.1         | 92.1         | 92.1         | 92.1         | 92.1         | 92.1 | 92.1 | 92.1           | 92.1             | 92.1         |
| ≥ 1800<br>≥ 1500      | 72.9         | 97.7         | 98.0         | 98.1         | 98.2         | 98.2             | 98.3         | 98.3         | 98.3         | 98.3         | 96.3         | 98.3 | 98.3 |                | 98.3             | 98.3         |
| ≥ 1200<br>≥ 1000      | 92.9         | 96.6<br>96.6 | 99.2         | 99.3         | 1            | 99.4             | 99.0         | 99.0         | 99.6         | 99.6         | 99.6         | 99.6 | 99.6 |                |                  |              |
| ≥ 900<br>≥ 800        | 72.9         | 93.5<br>9×.6 | 99.2         | - 1          | 99.5         | 99.5             | 99.6<br>99.8 | 99.6         | 99.6         |              | -            | 99.7 | 99.7 | 99.7           | 99.7             |              |
| ≥ 700<br>≥ 600        | 92.9         | 98.6<br>98.6 | 99.2         |              |              | 99.6             | 99.5         | 99.8         | 99.8         | 99.9         |              | 99.9 |      | 99.9<br>100.0  |                  |              |
| ≥ 500<br>≥ 400        | 92.9         | 96.6         | 99.2         | 99.4         | 7 1          | 99.6             | 99,9         | 99.9         | 99.9         | 99.9         |              |      |      | 100.0          |                  |              |
| ≥ 300<br>≥ 200        | 22.9         | 90.6<br>98.6 | 99.2         | 99.4         | 99.6         | 99.6             | 99.9         | 99,9         | 99.9         |              | 99,9         | 99,9 |      | 100.0<br>100.0 |                  |              |
| ≥ 100<br>≥ 0          | 92.9         | 98.6<br>98.6 | 99.2         | 99.4         | 99.0         | 99.6             | 99.9         | 99.9         | 99.9         |              | 99.9         |      |      | 100.0<br>100.0 |                  |              |

TOTAL NUMBER OF OBSERVATIONS\_

1342

USAF ETAC FORM BULG4 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PRINSSSS PERSONAL SECTION OF

### **CEILING VERSUS VISIBILITY**

116.

STANSOT N ISLANDIPACIFIC IS

+0-71

1600 - 0 P 00

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING               |              |              |              |              |              |              | VIS                  | BILITY (ST)  | ATUTE MILI   | ES:                  |                |       |              | _      |              |       |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|--------------|----------------------|----------------|-------|--------------|--------|--------------|-------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥ 3          | ≥2′2         | ≥ 2                  | ≥172         | ≥1'.         | ≥1                   | ≥ 3,4          | ≥ %   | ≥ '?         | ≥ 5 16 | ≥ ¼          | ≥0    |
| NO CEILING<br>≥ 20000 | 6.1          | 55.3<br>69.3 | 58.8         | 58.8         | 58.8<br>59.3 | 58.8         | 58.8                 | 58.8         | 58.8<br>69.3 | 56.8<br>64.3         |                | 58.8  | 58.8<br>69.3 | 1      | 58.8<br>69.3 | 58.8  |
| ≥ 18000<br>≥ 16000    | 55.3         | 69.7<br>70.1 | 69.7<br>70.1 | 69.7<br>70.1 | 69.7         | 69.7<br>75.1 | 69.7<br>70.1         | 69.7         | 69.7<br>70.1 | 69.7<br>70.1         | 70.1           | 69.7  | 69.7         | 70.1   |              |       |
| ≥ 14000<br>≥ 12000    | 75.2         | 70.8         | 70.9         | 76.9         | 70.9         | 70.9<br>74.0 | 70.9                 | 70.9         | 70.9         | 70.9                 | 70.9           | 70.9  | 70.9         | 70.9   | 70.9         | 70.9  |
| ≥ 10000<br>≥ 9000     | 73.2         | 77.1         | 77.2         | 77.2         | 77.2         | 77.2         | 77.3                 | 77.3         | 77.3         |                      |                | 77.3  | 77.3         | 77.3   | 77.3         | 77.3  |
| ≥ 8000<br>≥ 7000      | 77.5         | 81.4         | 81.5         | 81.5         | 21.5         | 61.5         | A1.0                 | 81.6<br>82.7 | R1.6<br>B2.7 |                      |                | 81.6  | 81.6         |        | B1.6         | 81.4  |
| ≥ 6000<br>≥ 5000      | 79.0         | 83.1         | 53.3         | 63.3         | 83.3         | 83.3         | 83.4                 | 93.4<br>85.1 | 83.4         | 83.4                 | 83.4           | 83.4  | 83.4         |        | P3.4         | 83.4  |
| ≥ 4500<br>≥ 4000      | *1.2<br>*3.3 | 85.6<br>87.8 |              | 85.7         | 85.7         | 85.7         | 85.1<br>85.8<br>88.1 | 85.8<br>88.1 | 55.8<br>88.1 | 85.1<br>85.8<br>88.1 | - 1            | - •   |              | 85.8   |              | - 1   |
| ≥ 3500<br>≥ 3000      | . 4 . 4      | 89.0         | 39.2         | 88.0         |              | 89.2         | 89.4                 | 89.4         | 69.4         | 89.4                 | 89.4           |       |              | 89.4   |              |       |
| ≥ 2500<br>≥ 2000      | 5.5          | 90.3         | 90.5         | 90.5         | 90.5         |              | 90.7                 | 90.0         | 90.0         | 90.7                 | 90.7           | 90.7  | 90.7         | 90.7   | 90.7         | 90.7  |
| ≥ 1800<br>≥ 1500      | 52.0         | 95.4         | 97.9         | - " • "      |              | 98.1         | 98.4                 | 96,1         |              |                      | 98.6           | 98.6  | 98.6         | 98.6   | 98.0         | 98.6  |
| ≥ 1200                | 92.0         | 98.3         |              | •            | 99.1         | 99.0         | 99.5                 | 99.6         | 99.6         | 99.7                 | 99.7           | 99.7  | 99.7         | 99.7   | 99.7         | 99.7  |
| ≥ 900                 | 92.7         | 98.4         | 99.0         | 99.3         | 99.3         | 99.3         | 99.7                 | 99.8         | 99.8         | 99.9                 |                | 99.9  | 99.9         | 99.9   | 99.9         | 99.9  |
| ≥ 800<br>≥ 700        | 92.7         | 96.5         | 99.1         | 99.3         | 99.4         | 99.4         | 99.8                 | 99.9         | 99.9         |                      | 100.0<br>100.0 |       |              |        |              |       |
| ≥ 600<br>≥ 500        | 92.7         | 98.5         | 99.1         | 99.3         |              | 99.4         | 99.8                 | 99.9         | 99.9         | 100.0                | 100.0          | 100.0 | 100.0        | 100.0  | 100.0        | 100.0 |
| ≥ 400<br>≥ 300        | 92.7         | 98,5         |              | 99.3         | 99.4         | 99.4         | 99.8                 | 99.9         |              |                      | 100.0          |       |              |        |              |       |
| ≥ 200                 | 92.7         | 95.5         |              | 99.3         |              | 99.4         | 99.8                 | 99.9         | 99.9         | 100.0                | 100.0          | 100.0 | 100.0        | 100.0  | 100.0        | 100.C |
| ≥ 0                   | 42.7         | 98.5         |              |              | - 1          | - 1          | 99.8                 |              |              |                      | 100.0          |       |              |        |              |       |

TOTAL NUMBER OF OBSERVATIONS\_

138

USAF ETAC JUL64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATA PRINCESSING PRANCH SAF ETAT ALR EAT EN FRVICENAAC

# **CEILING VERSUS VISIBILITY**

21503

JUNE TO ISLAND VENTER HOLD IS

46-71

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                 |               |              |      |              |              |              | VIS          | IBILITY IST  | ATUTE MIL    | ES                      |              |              |       |                |       |              |
|-------------------------|---------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------------|--------------|--------------|-------|----------------|-------|--------------|
| FEET                    | ≥10           | ≥6           | ≥ 5  | ≥ 4          | ≥ 3          | ≥ 2 1/2      | ≥ 2          | ≥11-2        | ≥15          | ≥1                      | ≥ ₃⁴         | ≥ %          | 5 /3  | ≥ 5/16         | ≥%    | ≥0           |
| NO CEILING<br>≥ 20000   | 7.3           | 59.5<br>73.0 |      |              | 59.5<br>74.0 | 53.5<br>73.0 |              |              | 59.5<br>73.0 |                         |              | 59.5<br>73.0 |       |                |       |              |
| ≥ 18000<br>≥ 16000      | 70.7          | 73.5         | 73.5 | 73.5         | 73.5         | 73.5         |              | 74.0         | 73.5         | -                       |              |              |       | _              | 1     | 73.5<br>74.0 |
| ≥ 14000<br>≥ 12000      | 71.7          | 75.2<br>75.4 |      |              | 75.2<br>78.4 | 75.2         | 75.2         | 75.2<br>78.4 | 75.2<br>78.4 | 75.2<br>78.4            | 75.2<br>78.4 |              | 1     | _              |       | 75.2<br>78.4 |
| ≥ 10000<br>≥ 9000       | 76.9<br>78.2  | 81.0<br>82.4 |      | 81.0<br>82.4 | 81.0<br>82.4 | 81.0<br>82.4 | 81.0<br>82.4 | 81.0<br>#2.4 | 81.0<br>82.4 |                         |              |              |       | -              |       |              |
| ≥ 8000<br>≥ 7000        | .n.v          | 84.4<br>85.9 |      | 85.9         | 84.4         | 84.4         |              | 85.9         | 84.4         | 85.9                    | 85.9         | 85.9         | 95.9  | b5.9           | 85.9  | 84.9         |
| ≥ 6000<br>≥ 5000        | 12.13<br>43.9 | 86.3         | 88.5 | 88.5         | 86.5         | 86.3         | 68,5         | 88,5         | 86.3         | 83.5                    | 88.5         | 88.5         | 28.5  | 88.5           | 88.5  | 88.5         |
| ≥ 4500<br>≥ 4000        | 10,5          | 91.3         | 91.3 | 91.3         | 91.3         | 89.5         | 91.3         | 91,3         | 91.3         | 91.3                    | 91.3         | 91.3         | 91.3  | 91.3           | 91.3  | 91.3         |
| ≥ 3500<br>≥ 3000        | 7.3           | 42.2         | 92.2 | 92.7         | 92.2<br>92.7 | 92.7         | 92.2         | 42.7         | 92.7         | 92.7                    | 92.7         | 92.7         | 92.7  | 92.7           | 92.7  | 92.7         |
| ≥ 2500<br>≥ 2000        | 41.2          | 98,8         | 93.3 | 97.0         | 97.1         | 93.3         | 93.3         | 97.1         | 97.1         | 97.3                    | 97.3         | 97.3         | 97.3  | 97.3           | 97.3  | 97,3         |
| ≥ 1800<br>≥ 1500        | 2.3           | 94.0<br>92.8 |      | 99,7         | 99.3         | 98.3         | 99.3         | 99,3         | 99.3         | 99.6                    | 99.6         | 99.6         | 99.6  | 99.6           | 99.6  | 99,6         |
| ≥ 1200                  | 02.8          | 99.2         | 99.3 |              | 99.6         | 99.6         | 99.6         | 99.6         | 99.6         | 99,9                    | 99,9         | 99,9         | 99,9  | 99.9           | 99,9  | 99.9         |
| ≥ 900<br>≥ 800          | 42.6          |              |      | 99.5         | 99.7         | 99.6         | 99.7         | 99.7         | 99.6         | 100.0                   | 100.0        | 100.0        | 100.0 | 100.0          | 100.0 | 100 C        |
| ≥ 700<br>≥ 600          | 92.8          | 99,2         | 99.3 |              | 99.7         |              | 99.7         | 99.7         | 99.7         | 100.0<br>100.0<br>100.0 | 100.0        | 100.0        | 100.0 | 100.0<br>100.0 | 100.0 | 100.c        |
| ≥ 500<br>≥ 400<br>≥ 300 | 72.8          | 99.2         | 99.3 | 99,5         | 99.7         | 99.7         | 99.7         | * 1          | 99.7         |                         | 100.0        |              | 100.0 | 100.0          | 100.0 | 100.0        |
| ≥ 200                   | 92.5          |              | 99.3 | 99,4         | 99,7         | 99.7         | 99,7         | 99,7         | 99.7         | 100.0                   | 100.0        | 100.0        | 100.0 | 100.0          |       | 100.0        |
| 2 0                     | 46.0          | 99.2         |      | 99.8         | - 1          |              | 99.7         | 99.7         |              | 100.0                   | 100.0        | 100.0        | 100.0 | 100.0          | 100.0 | 100.0        |

USAF ETAC FORM UI 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATR SEAT SEE SERVICEN NO

### **CEILING VERSUS VISIBILITY**

JUNE TON ISLY WALLEND IS

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                    |                     |                      |                      |              |              |                      | VIS                  | IBILITY (STA         | ATUTE MIL    | ESI          | _            |              |              |              |              |              |
|----------------------------|---------------------|----------------------|----------------------|--------------|--------------|----------------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                       | ≥10                 | ≥6                   | ≥ 5                  | ≥ 4          | ≥ 3          | ≥2⅓                  | ≥ 2                  | ≥1½                  | ≥114         | ≥1           | ≥ ₹4         | ≥ 5/8        | ≥ ⅓          | ≥ 5. 16      | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000      | 5.4<br>7.9          | 57.3<br>70.9         | 57.3<br>70.9         | 57.3<br>70.9 | 57.3<br>70.9 | 57.3<br>70.9         | 57.3                 | 57.3<br>70.9         | 57.3<br>70.9 |              | 57.3<br>70.9 | 57.3<br>74.9 |              | 57.3<br>70.9 | 57.3         |              |
| ≥ 18000<br>≥ 16000         | ۶8.4<br>د8.5        | 71.4                 | 71.4<br>71.5         | 71.4         | 71.4         | 71.4                 | 71.4                 | 71.4                 | 71.4         | 71.4<br>71.5 | 71.4         | 71.4         | 71.4         | 71.4<br>71.8 | 71.4<br>71.8 |              |
| ≥ 14000<br>≥ 12000         | 70.1                | 73.4                 | 73.4<br>77.1         | 77.1         | 73.4         | 73.4                 | 73.4                 | 77,1                 | 73.4         | 77.1         | 73.4         | 73.4         | 73.4<br>77.1 | 73.4         | 73.4         | 73.4<br>77.1 |
| ≥ 10000<br>≥ 9000          | 76.6                | 80.4                 | 80.5<br>82.0         | 90.5<br>92.0 | 80.5         | 80.5<br>82.0         | 80.5<br>82.0         | 80.5<br>82.0         | 80.5         | 82.0         | 80.5         | 80.5         | 82.0         | 80.5<br>82.0 | 82.0         | 82.0         |
| ≥ 8000<br>≥ 7000           | 90.3<br>81.8        | 84.4                 | 84.5                 | 86.0         | 84.5         | 86.0                 | 86.0                 | 84.5<br>86.0         | 86.0         |              |              | 84.5         | 86.0         | 86.0         | 86.0         | 86.0         |
| ≥ 6000<br>≥ 5000           | 2.6                 | 88.7                 | 96.8<br>88.3         | 66.8<br>88.3 | 86.8         | 85 . R               | 86.8                 | 88.3                 | 86.8         | 88.3         | 88.3         | 86.8<br>88.3 | 88.3         | 86.8         | 86.8         | 88.3         |
| ≥ 4500<br>≥ 4000           | 35.2                | 89.7                 | 89.0                 | 89.8         | 89.0         | 89.0                 | 89.8                 | 89.8                 | 89.8         | 89.0<br>89.8 | 89.8         | 89.0<br>89.8 | 89.8         | 89.0<br>89.8 | 89.8         | 89.8         |
| ≥ 3500<br>≥ 3000           | · 0 . 1             | 90.7                 | 90.7                 | 91.7         | 90.7         | 90.7                 | 90.7                 | 90.7                 | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         | 90.7         |
| ≥ 2500<br>≥ 2000<br>≥ 1800 | 7.8<br>71.3<br>93.1 | 92.5<br>96.5<br>99.3 | 92.6<br>96.5<br>98.4 | 90.6         | 92.6<br>96.7 | 92.5<br>96.7<br>98.6 | 92.6<br>96.7<br>98.6 | 92.6<br>96.7<br>98.6 | 92.6<br>96.7 | 92.6         | 96.7         | 96.7         | 96.7         | 92.6         | 96.7         | 96.7         |
| ≥ 1500                     | 3.0                 | 99.1                 | 99.2                 | 98.5<br>99.5 | 99.6         | 99.6                 | 99.7                 | 99.7                 | 99.7         | 98.6<br>99.8 | 99.8         | 98.6<br>99.8 | 99.8         | 98.6<br>99.8 | 98.6         | 99,H         |
| ≥ 1000                     | 73.0                | 99.3                 | 99.4                 | 99.7         | 99.9         | 99.9                 | 99.9                 | 99,9                 | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 800<br>≥ 700             | 93,5                | 99.3                 | 99.4                 | 99.7         | 99.9         | 99.9                 | 99.9                 | 99.9                 | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.C        |
| ≥ 600                      | 73.6                | 99.3                 | 99.4                 | 99.7         | 99.9         | 99.9                 | 99.9                 | 99.9                 | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 400                      | ^3.5                | 99.3                 | 99.4                 | 99.7         | 99.9         | 99.9                 | 99.9                 | 99,9                 | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |              | 100.0        |
| ≥ 200                      | 93.6                | 99.3                 | 99.4                 | 99.7         | 99.9         | 99.9                 | 99.9                 | 99,9                 | 99.9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |              | 100.0        |
| 2 0                        | 93.6                | 99.3                 | 99.4                 | 99.7         | 99.9         | 99.9                 | 99.9                 | 99,9                 | 99.9         | 100.0        | 100.0        | 100.0        |              |              |              |              |

TOTAL NUMBER OF OBSERVATIONS

DATA PRICESSING "HANCH USAF ETAC AIR REATRER SERVICE/MAG

## **CEILING VERSUS VISIBILITY**

2180 C

JUMNSTIN ISLANDIZPACIFIC IS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

| CEILING                    |              |              |              |              |              |              | VIS          | IBILITY (STA         | ATUTE MIL    | ES)                  |       |              |              |                      |                |                |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|----------------------|-------|--------------|--------------|----------------------|----------------|----------------|
| FEET                       | ≥10          | ≥ه           | ≥5           | ≥ 4          | ≥ 3          | ≥21/2        | ≥ 2          | ≥1%                  | ≥14          | ≥1                   | ≥ ³⁄4 | ≥ %          | ≥ 1/2        | ≥ 5/16               | ≥ ¼            | ≥0             |
| NO CEILING<br>≥ 20000      | 7.0          | 55.8         | 56.8<br>69.9 | 56.8<br>69.9 |              | 56.8<br>69.9 | 56.8<br>69.9 | 56.5<br>69.9         | 56.8         |                      | 69.9  | 56.€<br>69.3 | 56.8         |                      | 69.9           | 69.9           |
| ≥ 18000<br>≥ 16000         | 57.8         | 70.9<br>71.6 |              | 70.9<br>71.6 | 71.0         | 70.9         | 70.9         | 70.7                 |              | 71.6                 | 71.6  | 70.9         | 71.6         | 70.9                 | 71.6           | 71.6           |
| ≥ 14000<br>≥ 12000         | 70.2<br>73.8 | 73.6         | 77.3         | 73.6         | 73.6         | 73.6         | 73.6         | 77.3                 | 73.6         | 77.3                 | 77.3  | 73.6         | 77.3         | 73.6                 | 77.3           | 77.3           |
| ≥ 10000<br>≥ 9000          | 76.2         | 79.9         |              |              |              | 79.9         | 80.6         |                      | 79.9         | 89.6                 | 80.6  | 79.9<br>80.6 | 80.6         | 79.9<br>80.5         | PC . 6         | 80.6           |
| ≥ 8000<br>≥ 7000           | 79.4         | 83.3         | 54.9         | 83.3         | 85.0         | 83.3<br>85.0 | 83.3<br>85.0 | 83.3                 | 83.3<br>85.0 | 83.3<br>85.0<br>85.6 | 85.0  | 83.3<br>85.0 | 85.0         | 83.3<br>85.0         | 85.0           | 85.0           |
| ≥ 6000<br>≥ 5000<br>≥ 4500 | ~1.7<br>~3.3 | 87.3         | 87.3<br>88.3 | 85.6<br>87.3 |              | 87.3<br>88.3 | 85.6<br>87.3 | 85.6<br>87.3<br>88.3 | 87.3<br>88.3 | 85.6<br>87.3<br>88.3 | 87.3  | 89.6<br>87.3 | 87.3<br>88.3 | 85.6<br>87.3<br>88.3 | 87.3           | 87.3           |
| ≥ 4000<br>≥ 3500           | 4.9          | 88.9<br>59.9 | 49 O         | 89.1         | 69.1         | 89.1         | 89.1         | 89.1<br>90.1         | 89.1<br>90.1 | 89.1                 | 89.1  | 90.1         | 89.1         | 89.1                 | 88.3<br>89.1   | 89.1           |
| ≥ 3000<br>≥ 2500           | 1.7          | 90.6         | 70.7         | 90.7         | 90.7         | 90.7         | 90.8         | 90.6                 | 90.8         | 90.8                 | 90.8  | 90.6         | 90.8         | 90.8                 | 90.0           | 90.5           |
| ≥ 2000                     | 72.3<br>3.5  | 97.0         | 97.2         | 97.3         | 97.3         |              | 97.5         | 97.5                 | 97.5         | 97.5                 | 97.5  | 97.5         | 97,5         | 97.5                 | 97.5           | 97.5           |
| ≥ 1500                     | 74.1         | 99.1         | 99.3         | 99,5         | 99.5         | 99.5         | 99.6         | 99,5                 | 99.8         | 99.9                 | 99,7  | 99,7         | 99.7         | 99.9                 | 99.7           | 99.7           |
| ≥ 1000                     | 94.3         | 99,3         | 99.0         | 99.7         | 99.7         | 99.7         | 99,9         |                      | 99,9         | 100.0                | 100.0 | 100.0        | 100.0        | 100.0                |                | 100.0          |
| ≥ 800<br>≥ 700<br>≥ 600    | 94.3         | 99.3         | 99.5         | 99.7         | 99.7         | 99.7         | 99,9         | 99,9                 | 99,9         | 100.0                |       | 100.0        | 100.0        |                      |                | 100.0          |
| ≥ 500<br>≥ 400             | 14.3         | 99.3         | 99.6         | 99.7         | 99.7<br>99.7 | 99.7         | 99.9         | 99,9                 | 99,9         | 100.0                |       | 100.0        | 100.0        | 100.0                |                | 100.0          |
| ≥ 300<br>≥ 200             | 94.3         | 99.3         | 99.6         | 99.7         | 99.7         | 99.7         | 99,9         | 99.9                 | 99.9         | 100.0                | 100.0 | 100.0        | 100.0        | 100.0                | 100.0<br>100.0 | 100.0<br>100.0 |
| ≥ 100<br>≥ 0               | 4.3          | 99,3         | 99.6         | 99.7         | 99.7         | 99.7         | 99.9         | 99.9                 |              | 100.0                | 100.0 | 100.0        |              | 100.0                | 100.0          | 100.0          |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

TATA PROTESSENC TRANCH CSAF FTA: ATM EAT E POUTCE/ IT

## CEILING VERSUS VISIBILITY

JE INST IN ISLAN PACIFIC 15

46-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000 HOURS (5)

| CEILING                 |                      |              |              |              |              |              | VIS          | IBILITY (ST  | ATUTE MIL    | ESI          |              |              |              |              |              |                |
|-------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| FEET                    | ≥10                  | ≥6           | ≥5           | ≥ 4          | ≥ 3          | ≥2',         | ≥ 2          | ≥11⁄2        | ≥114         | ≥1           | ≥ ¾          | ≥ 5/8        | ≥ %          | ≥5 16        | ≥ 1/4        | ≥0             |
| NO CEILING<br>≥ 20000   | , , , s              |              |              | 62.1<br>73.1 | 62.1<br>73.1 | 62.1<br>73.1 | 62.1<br>73.1 | 62.1<br>73.1 | 62.1<br>73.1 | 62.1<br>73.1 | 62.1<br>73.1 | 62.1         | 52.1<br>73.1 | 67.1<br>73.1 | 62.1<br>73.1 | 62.1           |
| ≥ 18000<br>≥ 16000      | 59.9                 | 73.3<br>73.7 | 73.3<br>73.8 | 73.4<br>73.8 | 73.4<br>73.8 | 73.4         | 73.4<br>73.8 |              | 73.4<br>73.8 | 73.4<br>73.8 |              | 73.4<br>73.6 | 73.4         |              |              |                |
| ≥ 14000<br>≥ 12000      | 71.2                 |              | , , ,        | 74.9         |              | 74.9         | 74.9         | 76.7         | 74.9         | 74.9         | 74.9<br>76.7 | 74.9         | 74.9         | 74.9         | 74.9<br>76.7 | 74.9           |
| ≥ 10000<br>≥ 9000       | 75.0                 | 81.7         | 79.6         | 77.6         | 61.4         | 79.6<br>81.4 | 79.6         |              | 79.6         | 79.6<br>81.4 | 79.6<br>81.4 | 79.6         | 79.6<br>81.4 | 79.6<br>81.4 | 79.6<br>81.4 |                |
| ≥ 8000<br>≥ 7000        | 78.8                 | 84.9         | 55.0         | 83.2<br>85.1 | 85.1         | 33.2<br>85.1 | 83.2<br>35.1 | 83.2<br>85.1 | 83.2<br>85.1 | 83.2<br>85.1 | 85.1         | 83.2<br>85.1 | 25.1         | 85.1         | 85.1         | 83.2<br>85.1   |
| ≥ 6000<br>≥ 5000        | 11.2                 | 87.3         | 67.4         | 85.6<br>87.5 | 87.5         | 85.6         | 85.6         | 87.5         | 87.5         | 87,5         | 87.5         | 85.5<br>87.5 | 87.5         | 87.5         | 87.5         | 85.6<br>87.5   |
| ≥ 4500<br>≥ 4000        | 13.7                 | 88.1         | 88.2         | 88.3         | 89.4         | 88.3         | 88,3         | 88.3         | 88.3<br>89.4 | 85.3         |              | 88.3         | 89.4         | 89.4         | 89.4         | 88.3           |
| ≥ 3500<br>≥ 3000        | 2, ز<br>8, ود        |              | 90.5         | 90.0         |              | 90.0         | 90.0         |              | 90.0         | 90.0<br>90.8 | 90.8         | 90.0         |              | 90.3         | 90.0         | 90.0           |
| ≥ 2500<br>≥ 2000        | 7.1                  | 91.5         | 91.8         | 92.0         |              | 97.0         | 97.0         | 92.0         | 92.0         | 92.0<br>97.1 | 97.1         | 92.0         | 97.1         | 97.1         | 92.0         | 92.C<br>97.1   |
| ≥ 1800<br>≥ 1500        | 92.7                 | 97.5         | 98.5         | 98.2         | 99.1         | 98.3         | 98.3         | 98.4         | 98.4         | 98.4<br>99.1 | 98.4         | 98.4         | 99.1         | 98.4<br>99.1 | 98.4         | 98.4           |
| ≥ 1200                  | 72.8                 | 98.4         | 98.8         | 99.1         | 99.5         | 99.3         | 99.4         | 99.5         | 99.7         | 99.6         | 99.8         | 99.6         | 99.6         | 99.6         | 99.6         | 99.6<br>99.8   |
| ≥ 900<br>≥ 800          | 72.9<br>93.0<br>93.0 | 95.5<br>95.0 | 98.9         | 99.2         | 99.6         | 99.6         | 99.7         | 99.7         | 99.8         | 99.8         | 99.8         | 99.8<br>99.9 | 99.8         | 99.8         | 99.8         | 99,9           |
| ≥ 700<br>≥ 600          | 93.0                 | 95.6         | 98.9         | 99.2<br>99.2 | 99.6         | 99.6         | 99.8         | 99.8         | 99.9         | 99,9         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9         | 99.9           |
| ≥ 500<br>≥ 400<br>≥ 300 | 93.0                 | 98.6<br>98.6 | 98.9         | 99.2         | 99.6         | 99.6         | 99.8         | 99.9         | 99.9         | 99.9         | 99,9         | 99.9         | 99,9         | 99.9         | 100.0        | 100.0          |
| ≥ 200                   | 93.0                 | 94.6         | 98.9         | 99.2         | 99.5         | 99.6         | 99.6         | 99,9         | 99.9         | 99,9         | 99.9         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0          |
| ≥ 100<br>≥ 0            | 93.0                 |              |              | 99.2         |              | 99.6         | 99.8         |              | 99.9         | 99.9         | 99,9         | 99,9         | 99.9         |              | 100.0        | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS....

### **CEILING VERSUS VISIBILITY**

£1002

JUHNSTUN ISLANDAPACIFIC IS

48=71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS 151

| CEILING                   |              | •            |              | -            |              |              | VIS          | IBILITY (ST. | ATUTE MIL    | ES)           |              | -            | -            |                |              |              |
|---------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|----------------|--------------|--------------|
| FEET                      | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥21/2        | ≥2           | ≥11⁄2        | ≥14          | ≥1            | ≥ ¾          | ≥ %          | ≥ 1⁄2        | ≥ 5/16         | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000     | 7.1          | 69.7<br>77.0 | 29.7<br>77.0 | 69.7<br>77.0 | 69.7         | 69.7         | 49.7         | 69.7<br>77.0 | 69.7         | 69.7          | 69.7         | 69.7<br>77.0 | 69.7         | 69.7           | 69.7         | 69.7         |
| ≥ 18000<br>≥ 16000        | 73.6<br>74.1 | 77.1         | 77.1<br>77.5 | 77.1         | 77.1         | 77.1         | 77.1         | 77.1<br>77.5 | 77.1         | 77.1          | 77.1<br>77.5 | 77.1         | 77.1         | 77.1<br>77.5   | 77.1         | 77.1         |
| ≥ 14000<br>≥ 12000        | 74.9         | 78.3<br>51.1 | 78.3<br>81.1 | 78.3<br>81.1 | 78.3<br>81.1 | 78.3<br>81.1 | 78.3         | 75,3         | 78.3<br>81.1 | 78.3<br>81.1  | 78.3         | 78.3<br>81.1 | 78.3         | 78.3           | 78.3         | 78.3<br>81.1 |
| ≥ 10000<br>≥ 9000         | AO.9         | 84,5<br>85,3 | 64.5         | 84.5<br>65.3 | 84.5         | 84.5<br>85.3 | 84.5<br>85.3 | 84.5         | 84.5         | 84.5          | 84.5<br>85.3 | 84.5         | 34.5<br>85.3 | 84.5<br>85.3   | 84.5         | 84.5         |
| ≥ 8000<br>≥ 7000          | 4.0<br>~5.4  | 87.9         | 87.9         | 87.9<br>89.4 | 87.9<br>89.4 | 87.9         | 87.9<br>89.4 | 87.9         | 87.9         | 87.9          | 87.9<br>89.4 | 87.9<br>89.4 | 87.9         | 87.9<br>87.4   | 87.9<br>89.4 | 87.9<br>89.4 |
| ≥ 6000<br>≥ 5000          | 5.5          | 89.5<br>92.3 | 89.5         | 90.3         | 90.3         | 90.3         | 89.5<br>90.3 | 89.5<br>90.3 | 89.5<br>90.3 | 85.5<br>90.3  | 89.5<br>90.3 | 89.9<br>90.3 | 90.3         | 89.5<br>90.3   | 89.5<br>90.3 | 89.5<br>90.3 |
| ≥ 4500<br>≥ 4000          | 7.5          | 91.0         | 91.0         | 92.2         |              | 91.0         | 91.0<br>92.3 | 91.0         | 91.0         | 91.0          | 91.0<br>92.3 | 91.0<br>92.3 | 91.0         | 92.3           | 92.3         | 91.0<br>92.3 |
| ≥ 3500<br>≥ 3000          | 8.4<br>45.9  | 92.7         | 93.0         | 93.6         | 92.7         | 92.7         | 92.8         | 92.3         | 92.8         | 92.1          | 92.8         | 93.7         | 92.8         | 93.7           | 93.7         | 92.8<br>93.7 |
| ≥ 2500<br>≥ 2000          | 20.1         | 94.9         | 94.9<br>98.0 | 98.0         | 94.9         | 98.1         | 95.0         | 95.0         | 95.0<br>98.2 | 95.0<br>98.2  | 95.0         |              | 95.0         | 95.0<br>98.2   | 96.2         | 98.2         |
| ≥ 1800<br>≥ 1500          | 93.7         | 99.1         | 99.3         |              | 99.4         | 99.4         | 99.5         | 99.5         | 99.5         | 99.5          | 99.5         | 99.5         | 99.5         | 99.7           | 99.7         | 99.7         |
| ≥ 1200<br>≥ 1000<br>≥ 900 | 73.6<br>73.6 | 99.4         | 99.5         | 99.6         | 99.7         | 99.8         | 99.8         | 99.9         | 99.8         | 99.9<br>100.0 | 99.9         | 100.0        | 99.9         | 99.9<br>100.0  | 100.0        | 99.9         |
| ≥ 900<br>≥ 800<br>≥ 700   | 93.6         | 99.4         | 99.6         | 99.6         | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0         | 100.0        | 100.0        | 100.0        | 100.0<br>100.0 | 100.0        | 100.0        |
| ≥ 600                     | 93.6         | 99.4         | 99.6         | 99.6         | 99.8         | 99.8         | 99.9         | 99.9         | 99,9         | 100.0         | 100.0        | 100.0        | 100.0        | 100.0<br>100.0 |              | 100.0        |
| ≥ 400                     | 93.0         | 99.4         | 99.6         |              | 99.8         | 99.8         | 99.9         | 99.9         | 99.9         | 100.0         | 100.0        | 100.0        | 100.0        | 100.0          |              | 100.0        |
| ≥ 200                     | 13.0         | 99.4         | 99.0         | 99.6         | 99.8         | 99.8         | 99,9         | 99,9         | 99.9         | 100.0         | 100.0        | 100.0        | 100.0        | 100.0          |              | 100.0        |
| 2 0                       | 43.6         | 99.4         | 99.0         |              | 99.0         | 99.4         | 99.9         |              | 99.9         |               |              |              |              |                | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRUCESSING SHANCH USAF ETA: AIR JEAT JER SERVICE/MC

## CEILING VERSUS VISIBILITY

21¢44

JUHNSTON ISLA DE PACIFIC IS

48=71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000+0200

| CEILING               |              |              |              |              |              |              | VISI         | BILITY (ST.  | ATUTE MILI   | E5)          |       |               |               |                |              |                |
|-----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|---------------|---------------|----------------|--------------|----------------|
| FEET                  | ≥10          | ≥6           | ≥5           | ≥4           | ≥ 3          | ≥21/2        | ≥ 2          | ≥1%          | ≥11/4        | ≥1           | ≥ 1⁄4 | ≥ 5/8         | ≥ ⅓           | ≥ 5/16         | ≥ ¼          | ≥0             |
| NO CEILING<br>≥ 20000 | 73.3         | 66.4<br>70.1 | 66.4<br>70.1 | 66.4<br>70.1 | 66.4         | 70.1         | 70.1         | 66,4         | 66.4<br>70.1 | 70.1         | 66.4  | 66.4<br>70.1  | 66.4          | 66.4           | 66.4         | 66.4           |
| ≥ 18000<br>≥ 16000    | 67.0         | 70.2         | 70.2         | 70.2         | 70.2         | 70.2         | 70.2         | 70.2         | 70.2         |              | 70.2  | 70.2          | 70.2          | 70.2           |              | 70.2           |
| ≥ 14000<br>≥ 12000    | 68.5         | 70.9         | 70.9         | 70.9         | 70.9         | 70.9<br>72.1 | 70.9         | 70.9         | 70.9<br>72.1 | 70.9         | 70.9  |               | 70.9<br>72.1  | 70.9           |              |                |
| ≥ 10000<br>≥ 9000     | 71.3         | 75.7         | 75.8         | 75.8         | 75.8         | 75.8         | 75.8<br>78.5 | 75.8         | 75.8         | 75.8<br>75.5 | 75.8  | 75.8          | 75.8          | 75.8<br>78.5   |              |                |
| ≥ 8000<br>≥ 7000      | 75.6         | 80.0<br>81.1 | 81.2         | SO.1<br>81.3 | 80.1         | 80.1<br>81.3 | 80.1         | 30.1         | 80.1         | 80.1         | 80.1  | 80.1          | 80.1          | 80.1           |              | 80.1           |
| ≥ 6000<br>≥ 5000      | 77.3<br>70.8 | 81.6         | 81.7         | 83.4         | 81.8         |              | 81.8<br>83.4 | 81.8         | 51.8<br>83.4 | 81.8         | 81.8  | 81.8          | 81.8<br>53.4  | 81.8           | 1            | 81.8           |
| ≥ 4500<br>≥ 4000      | 79.5         | 83.9         | 34.1<br>86.3 | 84.2         | 84.2<br>86.4 | 84.2         | 84.2         | 84.2         | 84.2<br>86.4 | 84.2<br>86.4 | 84.2  | 84.2<br>86.4  | 84.2          | 84.2           |              | 84.2           |
| ≥ 3500<br>≥ 3000      | 9 رو<br>9 رو | 87.9         |              | 88.2<br>89.6 | 89.2         | 88.2<br>89.7 | 88.2         | 88,2         | 88.2         | 88.2         | 89.8  |               | 88.2          | 89.8           |              | 88.2           |
| ≥ 2500<br>≥ 2000      | 39.4         | 90.6         | 90.7         | 91.0<br>95.6 | 91.1<br>95.6 | 91.1<br>95.8 | 91.1<br>95.8 | 91.1<br>95.8 | 91.1         | 91.1<br>95.9 | 91.1  | 91.7          | 91.2          | 91.2           | 96.4         | 91.2           |
| ≥ 1800<br>≥ 1500      | 91.5         | 96.5<br>98.0 | 96.6         | 98,5         |              | 98.7         | 97.1         | 97.1<br>98.8 | 97.1<br>98.8 | 97.2         | 97.2  | 97.3          | 97.3          | 97.3           |              | 97.3           |
| ≥ 1200<br>≥ 1000      | 91.3         | 98.3         | 98.6         | 98.9         | 99.2         |              | 99.1         | 99,2         | 99.2         | 99.3         | 99.3  | 11.           | 99.4          | 99,4           | 99.4<br>99.8 | 99.A           |
| ≥ 900<br>≥ 800        | 91.3<br>91.3 | 98.4         | 98.6         | 98.9         |              |              | 99.4         | 99,0         | 99.5         | 99.7         | 99.6  | 99.8<br>99.9  | 99.8          | 99.8           | 99.8<br>99.9 | 99,9           |
| ≥ 700<br>≥ 600        | 91.3         | 98.5         | 98.7         | 98,9         | 99.3         | 99.3         | 99.4         | 99,6         | 99.6         | 99.9         | 99.8  | 99.9<br>100.0 | 99.9<br>100.0 | 99.9           | 99.9         | 99.9<br>100.0  |
| ≥ 500<br>≥ 400        | 41.3         | 98.5         | 98.7         | 98.9         | 99,3         | 99.3         | 99.4         | 99.7         | 99.7         | 99,9         | 99.9  | 100.0         | 100.0         | 100.0<br>100.0 | 100.0        | 100.0          |
| ≥ 300<br>≥ 200        | 91.3         | 98.5         | 98.7         | 98.9<br>98.9 | 99.3         | 99.3         | 99.4         | 99.7         | 99.7         | 99,9         | 99.9  | 100.0         | 100.0         | 100.0          | 100.0        | 100.0          |
| ≥ 100<br>≥ 0          | 91.3<br>91.3 | 98.5         | 98.7         | 98,9<br>98,9 |              | 99.3         | 99.4         | 99.7         | 99.7         | 99.9         | 99.9  |               | 100.0         |                | 100.0        | 100.0<br>100.0 |

TOTAL NUMBER OF OBSERVATIONS .\_\_\_

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MATE PRUITESSING "HONCE

MIR VENT ET HOVIETTONE

CEILING VERSUS VISIBILITY

BUTTON TO ISUNG STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

| CEILING                 |              |              |              |              |              |                  | VIS          | IBILITY FST  | ATUTE MIL    | ESi          |              |              |              |                |                |                |
|-------------------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|----------------|----------------|
| FEET                    | ≥10          | ≥6           | ≥5           | ≥ 4          | ≥3           | ≥2⅓              | ≥ 2          | ≥1 1/2       | ≥1'4         | ≥1           | ≥ ¾          | ≥ 1⁄8        | ≥%           | ≥ 5/16         | ≥ ¼            | ≥0             |
| NO CEILING<br>≥ 20000   | 62.8<br>65.4 | 66.1<br>68.9 | 56.1<br>58.9 | 66.1<br>68.9 | 66.1         | 66 • 1<br>68 • 9 | 66.1<br>68,9 |              | 68.9         | 66.1         | 66.1<br>68.9 | 66.1         |              | 66.1           | 66.1           | 66.1           |
| ≥ 18000<br>≥ 16000      | 65.4         | 68.9         | 68.9<br>59.2 | 68.9         | 69.2         | 69.2             | 68.9         | 68.9         | 68.9         | 69.2         | 68.9<br>69.2 | 68.7         | 68,9         | 68.9<br>69.2   | 68.9           | 68.9           |
| ≥ 14000<br>≥ 12000      | 65.8<br>56.5 | 69.7<br>70.7 | 59.7<br>70.7 | 69.7         | 69.7<br>70.7 | 69.7<br>70.7     | 69.7<br>70.7 | 69.7         | 69.7<br>70.7 | 69.7<br>70.7 | 69.7<br>70.7 | 69.7<br>70.7 | 69.7<br>70.7 | 69.7           | 69.7           | 70.7           |
| ≥ 10000<br>≥ 9000       | 70.0         | 74.4         | 74.4         | 74.4<br>76.5 | 74.4         | 74.4             | 74.4         | 74.4         | 74.4         | 74.4         | 74.4         | 74.4         | 74.4         | 74.4           | 74.4           | 74.4<br>76.5   |
| ≥ 8000<br>≥ 7000        | 73.3         | 70.1<br>79.1 | 78.3         | 78.3<br>79.3 | 78.4         | 78.4             | 78.4         | 78,4<br>79,5 | 78.4         | 78.4         | 78.4<br>79.5 | 78.4         | 78.4         | 78.4<br>79.5   | 75.4           | 78.4<br>79.5   |
| ≥ 6000<br>≥ 5000        | 76.3         | 79.3<br>81.4 | 79.5         |              | 79.6         | 79.6             | 79.6         | 79.7         | 79.7<br>81.8 | 79.7<br>81.8 | 79.7         | 79.7         |              | 79.7<br>81.8   |                | 79.7<br>81.8   |
| ≥ 4500<br>≥ 4000        | 76.9         | 84.5         | 84.9         | 82.4         | 85.0         | 85.0             | 82.5         | 82.6         | 82.6         | 82.6         | 85.1         | 82.6         | 85.1         | 85.1           | 85.1           | 85.1           |
| ≥ 3500<br>≥ 3000        | 2.2          | 86.3         | 86.6         | 88.4         | 85.5         | 86.8             | 86.7         | 87.0         | 87.0         | 87.0         | 87.0         | 88.7         | 87.0         | 87.0           | 88,7           | 87.0           |
| ≥ 2500<br>≥ 2000        | 7.9          | 94.5         |              | 95,2         | 95.4         | 95.5             | 95.6         | 90.0         | 90.0         | 90.0         | 90.0         | 90.0         |              | 90.1           | 90.1           | 90.1           |
| ≥ 1800<br>≥ 1500        | 19.5         | 96.0         |              | 96.7         | 96.9         | 97.0             | 97.0         | 97.1         | 97.1         | 97.1         | 97.1         | 97.1         | 97.2         | 99.1           | 97.2           | 97.2           |
| ≥ 1200<br>≥ 1000        | 9.5          | 97.5         | 98.5         | 98,7         | 99.0         | 99.4             | 99.2         |              | 99.5         | 99.3         | 99.3         | 99.3         | 99.4         | 99.4           | 99.4           | 99,4           |
| ≥ 900<br>≥ 800          | 9.6          | 97.7         | 98.5         | 98.7         | 99.4         | 99.4             | 99.7         | 99,9         | 99.9         | 99.9         | 99.9         | 99.9         |              | 99.9           | 99.9           | <del></del>    |
| ≥ 700<br>≥ 600          | 19.6         | 97.7         | 98.5<br>98.5 | l " " • J    | 99.4         | 99.4             | 99.8         | 99,9         | 99,9         | 99,9         | 99,9         | 99.9         | 100.0        | 100.0          | 100.0          | 100.0          |
| ≥ 500<br>≥ 400<br>≥ 300 | 9.0          | 97.7         | 98.5         | 98.7<br>98.7 | 99.4         | 99.4             | 99.8         | 99.9         | 99.9         | 99,9         | 99.9         | 99.9         | 100.0        | 100.0<br>100.0 | 100.0<br>100.0 | 100.0<br>100.0 |
| ≥ 300<br>≥ 200<br>≥ 100 | 9.6          | 97.7         | 98.5         | 98.7         | 99.4         | 99.4             | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         | 100.0        | 100.0          | 100.0          | 100.0          |
| ž 100<br>Ž 0            | 9.0          | • 1          | 98.5         | 98.7         | 99.4         | 99.4             | 99.8         | 99.9         | 99,9         | 99.9         | 99,9         | 99.9         |              |                | 100.0          |                |

TOTAL NUMBER OF OBSERVATIONS.\_\_\_\_

USAF ETAC ILLI 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING ARANCH USAF ETAT AIP TEATHER SETVICE/TAC

## CEILING VERSUS VISIBILITY

2

JUHNSTON ISLAND PACIFIC IS

48=71 YEARS

HINDM 0080-0800

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING                 |                      |              |              |              |              |              | VIS          | BILITY (ST   | ATUTE MILE   | ES)          |              | _            |                |              |                    |              |
|-------------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------------|--------------|
| FEET                    | ≥10                  | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥2½          | ≥ 2          | ≥1%          | ≥1 1/4       | ≥1           | ≥ 3/4        | ≥ 3/8        | ≥ 1/2          | ≥ 5/16       | ≥ 1/4              | ≥0           |
| NO CEILING<br>≥ 20000   | 2.4                  | 54.6         | 54.0         | 54.6         | 54.6         | 54.0<br>60.0 |              | 54.6         | 54.6         | 54.6         | 54.6         | 54.6         | 54.6           | 54.6         | 54.6               | . • 1        |
| ≥ 18000<br>≥ 16000      | 57.7                 | 60.2         | 60.2         | 60.2         | 60.2         | 60.2         | 60.2         | 60.5         | 60.2         | 60.5         | 60.2         | 60.2         | 50.2           | 60.2         | 60.2<br>60.5       | 60.2         |
| ≥ 14000<br>≥ 12000      | ±8.8<br>60.4         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4         | 61.4           | 61.4         | 61.4               | 61.4         |
| ≥ 10000<br>≥ 9000       | 62.5                 | 66.0         | 56.0         | 66.0<br>68.8 | 66.0         | 68.8         | 66.0         | 66.0         | 66.0         | 66.0<br>68.8 | 66.0         | 66.0         | 66.0           | 66.0<br>68.8 | 66.0               | 66.0<br>68.8 |
| ≥ 8000<br>≥ 7000        | 67.0                 | 71.5         | 71.5         | 71.5         | 71.5         | 71.5         | 71.5         | 71.5         | 71.5         | 71.5         | 71.5<br>73.4 | 71.3         | 71.5           | 71.5         | 71.5               | 71.5         |
| ≥ 6000<br>≥ 5000        | 70.0                 | 74.0         | 74.2         | 74.2         | 74.2         | 74.2         | 74.2         | 74.2         | 74.2         | 74.2         | 74.2         | 74.2         | 74.2           | 74.2         | 74.2<br>76.6       | 74.2         |
| ≥ 4500<br>≥ 4000        | 73.4                 | 77.7         | 78.0<br>91.1 | 75.0<br>81.1 | 78.0         | 78.0<br>81.1 | 78.0<br>81.1 | 78.0         | 78.0<br>81.1 | 78.0<br>81.1 | 78.0         | 78.0<br>81.1 | 78.0<br>81.1   | 78.0<br>81.1 | 78.0<br>81.1       | 78.0         |
| ≥ 3500<br>≥ 3000        | 78.0                 | 52.8<br>84.4 | 53.1<br>54.9 | 83.1         | 83.1         | 83.1         | 83.1<br>84.9 | 83.1         | 84.9         | 83.2<br>85.0 | 83.2         | 83.2         | 83.2<br>85.0   | 83.2<br>85.0 | 83.2<br>85.0       | 83.2<br>85.0 |
| ≥ 2500<br>≥ 2000        | 7.0                  | 93.2         | 93.7         | 87.3<br>93.4 | 87.3<br>93.9 | 93.9         | 94.0         | 87.3<br>94.0 | 87.3<br>94.0 | 94.1         | 87.4<br>94.1 | 94.1         | 94.2           | 94.2         | 94.2               | 87.4<br>94.2 |
| ≥ 1800<br>≥ 1500        | 49.5<br>50.8         | 97.5         | 76.3<br>98.2 | 96.3         | 96.5         | 96.5         | 96.6         | 96.6         | 96.6         | 96.7         | 96.7         | 96.7<br>98.9 | 99.0           | 96.8         | 96.8               | 96.8         |
| ≥ 1200 ≥ 1000           | 70.9                 | 97.7<br>98.0 | 98.5         | 98.6         | 98.7         | 98.7         | 99.4         | 99.2         | 99,2         | 99.7         | 99.8         | 99.3<br>99.8 | 99.4           | 99.4         | 99.4               | 99.4         |
| ≥ 900<br>≥ 800          | 31.1                 | 98.0         | 98.9         | 98.9         | 99.2         | 99.2         | 99.4         | 99.6         | 99.6         | 99.7         | 99.8         | 99.8         | 99.9           | 99.9         | 99.9               | 99.9         |
| ≥ 700<br>≥ 600          | 91,1<br>91,1<br>91,1 | 98.0<br>98.1 | 98.9         | 98.9         | 99.2         | 99.2         | 99.4         | 99.6         | 99.6         | 99.7         | 99.9         | 99.9         | 99.9           | 99.9         | 100.0              | 99.9         |
| ≥ 500<br>≥ 400<br>≥ 300 | 91.1                 | 98.1<br>98.1 | 95.9         | 99.0<br>99.0 | 99,2<br>99,2 | 99.2         | 99.5         | 99.6         | 99.6<br>99.6 | 99.8<br>99.8 | 99.9         | 99,9         | 100.0          | 100.0        | 100.0              | 100.0        |
| ≥ 200                   | 91.1                 | 98.1<br>93.1 | 98.9         | 99.0         | 99.2         | 99.2         | 99.5         | 99.6         | 99.6         | 99.6         | 99,9         | 99.9         | 100.0<br>100.0 | 100.0        | 100.0              | 100.0        |
| ≥ 0                     | çî,1                 | 98.1         | 94.9         | 99.0         | 99.2         | 99.2         | 99.5         | 99.6         | 99.6         | 99.8         | 99.9         | 99.9         |                |              | 100 • 0<br>100 • 0 |              |

USAF ETAC 101 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING PRANCY USAF FTATAL ALBERT LEVICET AC

## **CEILING VERSUS VISIBILITY**

216U7 JU INSTITUTE ISUANDA PACIFIC IS 48.71

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

C900-1100

| CEILING                 |                        |                      |                      |              |              |              | VIS          | BILITY (STA  | TUTE MIL     | ES)          |              |              |              |                   |              |              |
|-------------------------|------------------------|----------------------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|--------------|--------------|
| FEET                    | ≥10                    | ≥6                   | ≥5                   | ≥ 4          | ≥3           | ≥2⅓          | ≥ 2          | ≥1%          | ≥1½          | ≥1           | ≥ ¾          | ≥%           | ≥%           | ≥ 5/16            | ≥¼           | ≥0           |
| NO CEILING<br>≥ 20000   | 10.2                   | 58.5<br>66.0         | 58.6                 | 54.6<br>66.0 |              | 58.6<br>66.0 | 58.6<br>66.0 | استمتا       | 58.6<br>66.0 | · .          |              | 58.6         |              | 5 <sup>A</sup> .6 |              |              |
| ≥ 18000<br>≥ 16000      | 63.3                   |                      | 66.2                 | 66.2         | 66.2         | 66.7<br>66.6 | 66.2         | 66.2         | 66.2         | 66.2<br>66.6 | 66.2         | 66.2         | 66.2         | 66.2              | 66.2<br>66.6 | 66.2         |
| ≥ 14000<br>≥ 12000      | 64.5                   | 67.7<br>70.5         | 57.7<br>70.5         | 67.7<br>70.5 | 67.7<br>70.5 | 67.7<br>70.5 | 67.7<br>70.5 | 67.7<br>70.5 | 67.7<br>70.5 | 67.7<br>70.5 | 67.7<br>70.5 | 67.7<br>70.5 | 67.7<br>70.5 | 67.7<br>70.5      | 67.7         | 67.7<br>70.5 |
| ≥ 10000<br>≥ 9000       | 70.1<br>73.0           | 74.0                 | 74.1                 | 74.1<br>77.1 | 74.1<br>77.1 | 74.1<br>77.1 | 74.1<br>77.1 | 74.1<br>77.1 | 74.1         | 74.1<br>77.1 | 74.1<br>77.1 | 74.1         | 74.1<br>77.1 | 74.1<br>77.1      | 74.1         | 74.1<br>77.1 |
| ≥ 8000<br>≥ 7000        | 76.4<br>77.9           | 80.9                 | 81.0<br>82.7         | 81.0<br>82.7 | 81.0         | 81.0         | 82.7         | 81.0         | 81.0         | 81.0         | 81.0<br>82.7 | 81.0<br>82.7 | 82.7         | 81.0              | 82.7         | 82.7         |
| ≥ 6000<br>≥ 5000        | 78.7                   |                      | 85.8                 | 85.8         | 85.8         | 83,5         | 83.5         | 83,5         | 83.5         |              |              | 83.5         |              |                   | 85.8         | 83.5         |
| ≥ 4500<br>≥ 4000        | * l . d                | 60.00                | 86.5                 | 88.9         | 88.9         | 86.5         | 86.5         | 86,5         | 86.5         | 88.9         | 86.5         | 86.5         | 86.5         | 86.5              | 88.9         |              |
| ≥ 3500<br>≥ 3000        | 5.5                    | 89.7<br>90.9         | 90.2<br>91.4         | 90.2         | 91.5         | 90.2         | 90.2         | 91.5         | 90.2<br>91.5 | 91.5         | 91.5         | 90.2         | 90.2         | 91.5              | 91.5         | 91.5         |
| ≥ 2500<br>≥ 2000        | 60.7                   | 91.8                 | 92.3                 | 92.3         | 97.3         | 92.3         | 92.4         | 92.4         | 97.5         | 92.4         | 97.5         | 92.4         | 92.4         | 97,5              | 97.5         | 97.5         |
| ≥ 1800                  | 1.5                    | 97.9                 | 98.0                 | 98.1         |              | 98.7         | 98,5         | 98,5         | 98.5         | 98.5<br>98.9 | 98.5         | 98.5         |              | 98.5              | 98.5         | 98.5         |
| ≥ 1200<br>≥ 1000        | 91.0                   | 95.0                 | 96.6                 |              | 98.9         | 98.9         | 99.2         | 99.3         | 99.4         | 99.4         | 99.4         | 99.4         |              | 99.7              | 99.4         | 99.4         |
| ≥ 900<br>≥ 800          | \$1.7<br>\$1.7<br>91.8 | 98.0<br>98.0<br>98.1 | 96.6<br>98.6<br>98.7 | 98.7<br>98.7 | 99.0<br>99.1 | 99.2         | 99.4         | 99.4         | 99.5         | 99.6         | 99.6         | 99.6         | 99.7         | 99,7              | 99.7         | 99.7         |
| ≥ 700<br>≥ 600          | 91.8<br>91.8           | 98.1                 | 98.7                 | 98.8         | 99.2         | 99.2         | 99.4         | 99.6         | 99.7         | 99.9         | 99,9         | 99.9         | 100.0        | 100.0             | 100.0        | 100.0        |
| ≥ 500<br>≥ 400<br>≥ 300 | 51.8                   | 98.1                 | 98.7                 | 98.8         | 99.2         | 99.2         | 99.4         | 99.6         | 99.7         | 99.9         | 99.9         | 99,9         | 100.0        | 100.0             | 100.0        | 100.0        |
| ≥ 200                   | 91.8                   | 98.1                 | 98.7                 | 98.8         | 99.2         | 99.2         | 99.4         | 99.6         | 99.7         | 99.9         | 99.9         | 99,9         | 100.0        | 100.0             | 4-4-4        | 100.0        |
| ≥ 100<br>≥ 0            | 91.8                   |                      | 98.7                 | 98.8         | 2 : • •      | 99,2         | 99.4         | 99.6         | 99.7         | 99.9         |              | 99.9         |              |                   |              | 100.0        |

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC 101.44 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

NATA PROCESSING PRANCE USAF ETAC AIP FEATHER SERVICE/FAC

### **CEILING VERSUS VISIBILITY**

215 T

LEFECTON ISLANDIPACIFIC IS

48-71

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING               |              |       |      |      |      |        | VISI | BILITY (STA | ATUTE MILE         | ES)  |       |       |      |        |   |       |
|-----------------------|--------------|-------|------|------|------|--------|------|-------------|--------------------|------|-------|-------|------|--------|---|-------|
| FEET                  | ≥10          | ≥6    | ≥ 5  | ≥ 4  | ≥ 3  | ≥21/2  | ≥ 2  | ≥11/2       | ≥11 <sup>6</sup> a | ≥1   | ≥ 1⁄4 | ≥ 5/8 | در ≥ | ≥ 5/16 | ≥¼  | ≥0    |
| NO CEILING<br>≥ 20000 | 7.3          | 59.2  | 59.3 | 59.3 | 59.3 | 59.3   | 59.3 | 59.3        | 59.3               | 59.3 | 59.3  | 59.3  | 59.3 | 59.3   | 59.3  | 59.3  |
|                       | - 3 a A      | 65.7  | 65.8 | 65.8 | 65.8 |        | 65.8 |             | 65.8               | 65.8 |       | 65.9  | 65.8 | 65.8   | 65.8  | 65.8  |
| ≥ 18000<br>≥ 16000    | 6.63<br>9.63 | 66.2  | 66.3 | 66.3 | 66.3 | 66.3   | 66.6 | 66.3        | 66.6               | 66.5 | 66.6  | 66.5  | 66.6 | 66.3   | 66.3  | 66.6  |
| ≥ 14000               | 5.4          | 68.3  | 58.4 | 68.4 | 68.4 | 63.4   | 58.4 | 68.4        | 68.4               | 68.4 | 68.4  | 68.4  | 68.4 | 68.4   | 68.4  | 68.4  |
| ≥ 12000               | F7.1         | 70.4  | 70.5 | 70.5 | 70.5 | 70.5   | 70.5 | 70.5        | 70.5               | 70.5 | 70.5  | 70.5  | 70.5 | 70.5   | 70.5  | 70.5  |
| ≥ 10000               | 69.9         | 73.7  | 73.7 | 73.7 | 73.7 | 73.7   | 73.7 | 73.7        | 73.7               | 73.7 | 73.7  | 73.7  | 73.7 | 73.7   | 73.7  | 73.7  |
| ≥ 9000                | 72.0         | 75.9  | 76.0 | 75.0 | 76.0 | 76.0   | 70.0 | 76.0        | 76.0               | 76.0 | 76.0  | 76.0  | 76.0 | 76.C   | 76.0  | 76.0  |
| ≥ 8000                | 74.6         | 78.9  | 79.0 | 79.0 | 79.0 | 79.0   | 79.0 | 79.0        | 79.0               | 79.0 | 79.0  | 79.0  | 79.0 | 79.0   | 79.0  | 79.0  |
| ≥ 7000                | 70.0         | 80.7  | 80.8 | 80.8 | 80.8 | 80.8   | 80.8 | 80.5        | 80.8               | 80.8 | 80.8  | 80.8  | 80.8 | 80.8   | 80.8  | 80.8  |
| ≥ 6000                | 77.4         | 61.6  | 81.7 | 81.7 | 81.7 | 81.7   | 81.7 | 81.7        | 81.7               | 81.7 | 81.7  | 81.8  | 81.8 | 81.8   | F1.8  | 81.8  |
| ≥ 5000                | 78.9         | B3.7  |      | 83.7 | 83.7 | 83.7   | 83.7 | 83.7        | 83.7               | 83.7 | 83.7  | 83.8  | 83.8 | 83.8   | 83.8  | 83.8  |
| ≥ 4500<br>≥ 4000      | 79.9         | 84.6  | 34.7 | 84.7 | 84.7 | 84.7   | 84.7 | 84.7        | 84.7               | 84.7 | 84.7  | 84.8  | 84.8 | 84.8   | 84.8  | 84.8  |
|                       | 40.8         | 85,8  |      | 85.9 | 85.9 | 85.9   | 83.9 | 85.9        | 85.9               | 85.9 | 85.9  | 86.0  | 80.0 | 86.0   | 86.0  | 86.0  |
| ≥ 3500<br>≥ 3000      | 12.0         | 87.0  | 87.3 | 87,3 | 87.3 | 67.3   | 87.3 | 87.3        | 87.3               | 87.3 | 87.3  | 87.3  | 87.3 | 87.3   | 87.3  | 87.3  |
|                       | 3.0          | 88.2  | 88.5 | 83.5 | 28.5 | 88.5   | 88.5 | 88,5        | 88.5               | 88.5 | 88.5  | 88.5  | 88.5 | 88.5   | 88.5  | 88.5  |
| ≥ 2500<br>≥ 2000      | 4.9          | 90.2  | 50.4 | 90.4 | 90.4 | 90 • 4 | 90.4 | 90.4        | 90.4               | 90.4 | 90.4  | 90.5  | 90.5 | 90.5   | 90.5  | 90.5  |
|                       | 9.4          | 95.3  | 95.5 | 95.5 | 95.5 | 95.5   | 95.5 | 95.5        | 95.5               | 95.5 | 95,5  | 95.6  | 95.6 | 95.6   | 95.6  | 95.6  |
| ≥ 1800<br>≥ 1500      | 31.1         | 97.3  | 97.5 | 97.5 | 97.5 | 97.5   | 97.5 | 97.5        | 97.5               | 97.5 | 97.5  | 97.5  | 97.5 |        | 97.5  | 97.5  |
| ≥ 1200                | 91.5         | 90.0  | 98.5 | 98.5 | 99.1 | 98.6   | 96.7 | 98,7        | 98.7               | 95.8 | 98,8  | 98.9  | 98.9 |        | 98.9  | 98.9  |
| ≥ 1000                | 71.9         | 96.4  |      | 99.7 | 99.3 | 99.3   | 99.5 | 99.3        | 99.3               | 99.4 | 99.4  | 99.4  | 99.4 | 99.4   | 99.4  | 99.4  |
| ≥ 900                 | 91.9         | 98.4  | 98.8 | 99.2 | 99.3 | 99.3   | 99.5 | 99.6        | 99.6               | 99.6 | 99.6  | 99.7  | 99.7 | 99.7   | 99.7  | 99.7  |
| ≥ 800                 | 92.0         | 98.5  | 98.9 | 99.2 | 99.4 | 99.4   | 99.6 | 99.6        | 99.6               | 99.7 | 99.7  | 99.7  | 99.8 | 99.8   | 99.8  | 99. P |
| ≥ 700                 | 92.0         | 96.5  | 94.9 | 99.2 | 99.4 | 99.4   | 99.6 | 99.0        | 99.6               | 92.7 | 99.7  | 99.8  | 99.8 | 99.8   | 99.8  | 99.8  |
| ≥ 600                 | 72.0         | 98.3  | 98.9 | 99.2 | 99.4 | 99.4   | 99.6 | 99.6        | 99.6               | 99.8 | 99.8  | 99.9  | 99.9 | 99.9   | 99.9  | 99.9  |
| ≥ 500                 | 92.0         | 98.5  |      | 99.2 | 99.4 | 99.4   | 99.6 | 99.6        | 99.6               | 99.9 | 99.9  | 99.9  | 99.9 | 99.9   | 99.9  | 99.9  |
| ≥ 400                 | 92.0         | 94.5  |      | 99.2 | 99.4 | 99.4   | 99.6 | 99.6        | 99.6               | 99.9 | 99.9  | 99.9  | 99.9 | 99.9   | 99.9  | 99.9  |
| ≥ 300                 | 92.0         | 98.5  | 94.9 | 99.2 | 99.4 | 99.4   | 99.6 | 99.6        | 99.6               | 99.9 | 99.9  | 99.9  | 99.9 | 99.9   | 99.9  | 99.9  |
| ≥ 200                 | 92.0         | 98.5  | 93.9 | 99.2 | 99.4 | 99.4   | 99.6 | 99.6        | 99.6               | 99.9 | 99.9  | 99.9  | 99.9 | 99.9   | 99.9  | 99.9  |
| ≥ 100                 | 92.0         | 911.5 | 98.9 | 99.2 | 99.4 | 99.4   | 99.6 | 99.6        | 99.4               | 99.9 | 99.9  | 99.9  | 99.9 | 99.9   |   | 99.9  |
| ≥ 0                   | 32.0         | 95.5  | 98.9 | 99.7 | 99.4 | 99.4   | 99.6 |             | 99.6               | 99.9 | 99.9  | 99.3  | 99.9 | 99.9   | 99.9  |       |
|                       |              |       |      |      |      | H      |      |             | W                  |      |       | 1     | FI   |        | , <u>, , , , , , , , , , , , , , , , , , </u> |       |

TOTAL NUMBER OF OBSERVATIONS\_

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRECESSING SRAHES SAP ETAT AT TERVICEY AC

CEILING VERSUS VISIBILITY

71000 STATION

JUNEAUST IN THE ASSESSMENT ACTIFIC IS

48-71

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

| CEILING               |              |              |   |              |              |              | VIS          | IBILITY (STA | ATUTE MILI   | ES1              |              |              |              |              |              |              |
|-----------------------|--------------|--------------|---|--------------|--------------|--------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET:                 | ≥10          | ≥6           | ≥5                                      | ≥ 4          | ≥3           | ≥2'7         | ≥2           | ≥1%          | ≥1'a         | ≥1               | ≥ 1/4        | ≥ >/8        | ≥ ⅓          | ≥ 5/16       | ≥ ¼          | ≥0           |
| NO CEILING<br>≥ 20000 | ∋6.0<br>81.0 | 50.1         | 56.1<br>63.7                            | 58.1<br>63.7 | 58 · 1       | 58.1         | 58.1<br>63.7 | 58.1<br>63.7 | 58.1<br>63.7 | 58 · 1<br>63 · 7 | 58.1         | 58.1         | 58.1         | 58.1<br>63.7 | 58 · 1       | 58.1         |
| ≥ 18000<br>≥ 16000    | 51.5         | 64.2         | 54.2                                    | 64.2         | 64.2         | 64.2         | 64.2         | 64.2         | 64.2         | 64.2             | 64.2         | 64.2         | 64.2         | 64.2         | 64.2         | 64.2         |
| ≥ 14000<br>≥ 12000    | 63.1         | 66.0         | 66.6                                    | 66.0         | 66.0         | 66.C         | 66.0         | 0.66         | 66.0         | 68.6             | 66.0         | 66.6         | 66.0         | 66.0<br>68.6 | 66.0<br>68.6 | 66.0         |
| ≥ 10000<br>≥ 9000     | 69.3<br>72.9 | 73.2         | 73.2                                    | 73.2         | 73.2         | 73.2<br>77.0 | 73.2         | 73.2         | 73.2         | 73.2             | 73.2         | 73.2         | 73.2         | 73.2         | 73.2<br>77.0 | 73.2         |
| ≥ 8000<br>≥ 7000      | 74.8         | 78,9         | ,, 500                                  | 79.0<br>81.0 | 79.0<br>81.0 | 79.0<br>81.0 | 79.0         | 79.0<br>81.0 | 79.0         | 79.0<br>81.0     | 79.0<br>81.0 | 79.0<br>81.0 | 79.0<br>81.0 | 79.0<br>81.0 | 79.0<br>81.0 | 79.0<br>81.0 |
| ≥ 6000<br>≥ 5000      | 17.2<br>79.5 | 81.5         | 81.6<br>84.0                            | 81.6         | 81.7         | 81.7<br>84.1 | 84.1         | 81.7<br>84.1 | 81.7         | 81.7<br>84.1     | 81.7         | 81.7         | 84.1         | 81.7<br>84.1 | 81.7<br>84.1 | 81.7         |
| ≥ 4500<br>≥ 4000      | 70.2         | 84.8         | 84.8                                    | 84.8         | 84.9         | 84.9         | 84.9         | 84.9         | 84.9         | 84.9<br>86.7     | 84.9<br>86.7 | 84.7         | 84.9         | 84.9<br>86.7 | 84.9         | 84.9         |
| ≥ 3500<br>≥ 3000      | F3.6         | 89.7         |   | 88.4         | 88.5<br>89.2 | 89.2         | 88.5         | 89.2         | 88.5         | 88.5<br>89.7     | 88.5<br>89.2 | 88.5         | 88.5         | 89,2         | 88.5         | 88.5         |
| ≥ 2500<br>≥ 2000      | . O. K       | 91.0         |   | 91.1         | 96.3         | 91.2         | 91.2         | 91.2         | 96.3         | 91.2             | 91.2         | 96.3         | 91.2         | 96,3         | 91.2         | 91.2<br>96.3 |
| ≥ 1800<br>≥ 1500      | 11.9         | 97.7<br>98.6 |   | 98.0         | 98.1         | 98.1         | 98.1         | 98.1         | 98.1         | 98.1             | 98.1         | 98.1<br>99.2 | 98.1         | 98.1         | 98.1         | 98.1         |
| ≥ 1200                | 92.0         | 98.9         | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 99.2         | 99.4         | 99.4         | 99.4         | 99.5         | 99.5         | 99.5             | 99.5         | 99.6         | 99.6         | 99.7         | 99.7         | 99.6         |
| ≥ 900<br>≥ 800        | 05.0         | 95.9         | 99.2                                    | 99.2         | 99.6         | 99.6         | 99.6         | 99.7         | 99.7         | 99.7             | 99.7         | 99.8         | 99.8         | 99.8         | 99.8         | 99.8         |
| ≥ 700<br>≥ 600        | 72.0         | 96.9         |   | 99.2<br>99.2 | 99.0         | 99.6         | 99.6         | 99.7         | 99.7         | 99.7             | 99.9         | 99.5         | 99.9         | 99.8         | 99.8         | 99.8         |
| ≥ 500<br>≥ 400        | 92.0         | 99.0         | 99.2                                    | 99.3         | 99.6         | 99.6         | 99.6         | 99.8         | 99.8         | 99.9             | 99.9         | 100.0        | 100.0        | 100.C        |              | 100.0        |
| ≥ 300                 | 92.0         | 99.0         | 99.2                                    | 99.3         | 99.6         | 99.6         | 99.6         | 99,8         | 99.8         | 99.9             | 99.9         | 100.0        | 100.0        |              |              | 100.0        |
| ≥ 100                 | 72.0         | 99.0         |   | 99,3         | 99.6         | 99.6         | 99.6         |              |              | 99.9             |              |              |              |              | 100.0        |              |

TOTAL NUMBER OF OBSERVATIONS\_

1419

USAF ETAC 10164 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH USAF ETAT AIR "EAT" EN "ENVICTY"AC

### CEILING VERSUS VISIBILITY

3 16 MATION

JUENSTIN ISLANDIPACIFIC IS

48-71

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

| CEILING                    |              |              |              |              |              |              | VIS                  | BILITY ISTA  | ATUTE MIL            | ĖS:          |                      |                      |                      |              |                      |              |
|----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|----------------------|--------------|----------------------|----------------------|----------------------|--------------|----------------------|--------------|
| FEET.                      | ≥10          | ≥6           | ≥ 5          | ≥ 4          | ≥3           | ≥21⁄7        | ≥2                   | ≥1%          | ≥11-a                | ≥1           | ≥ 1/4                | ≥ ⅓                  | ≥ %                  | ≥ 5/16       | ≥ ¼                  | ≥0           |
| NO CEILING<br>≥ 20000      | 13.4         | 61.5         | 61.5         | 61.5         | 61.5         | 61.5         | 61.5<br>66.1         | 61.5         | 61.5                 | 61.5         | 61.5                 | 61.5                 | 61.5                 | 61.5         | 51.5                 | 61.5         |
| ≥ 18000<br>≥ 16000         | 63 <b>.7</b> | 66.3         | 56.3<br>56.5 | 66.3         | 66.3         | 66.3         | 66.5                 | 66.3<br>66.5 | 66.3                 | 66.3         | 66.3<br>66.5         | 66.5                 | 66.3                 | 66.3<br>66.5 | 66.3                 | 66.3         |
| ≥ 14000<br>≥ 12000         | 07.0         | <b>▼</b> []  | 70.0         | 67.3<br>70.0 | 67.3         | 70.0         | 10.0                 | 70.0         | 67.3<br>70.0         | 70.0         | 67.3<br>70.0         | 67.3<br>70.0         | 67.3<br>70.0         | 67.3<br>70.0 | 67.3                 | 67.3<br>70.0 |
| ≥ 10000<br>≥ 9000          | 71.0         | 74.2         | 74.2         | 74.2         | 74.2         | 74.7         | 74.2                 | 74.2         | 74.2                 | 74.2         |                      | 74.2                 | 74.2                 | 74.2<br>77.3 | 74.2<br>77.3         | 74.2<br>77.3 |
| ≥ 8000<br>≥ 7000           | 77.0         | 80.9         | 79.2         | 79.2<br>80.9 | 79.2         | 79.2<br>80.9 | 30.9                 | 30.9         | 79.2<br>80.9         |              |                      | 79.2                 | 79.2                 | 81.0         | 79.2                 | 79.2<br>81.0 |
| ≥ 6000<br>≥ 5000           | 77,5         | 81.3<br>83.0 | 81.3         | 81.3         | 91.3         | 81.3         |                      |              | 81.3                 |              | 83.0                 | 83.1                 | 61.4<br>83.1         | 81.4         | 83.1                 | 81.4         |
| ≥ 4500<br>≥ 4000<br>≥ 3500 | 30.0         | 86.1         | 86.1         | 80.1         | 94.2         | 84.2<br>86.1 | 84.2<br>86.1<br>87.5 | 86.1         | 84.2<br>85.1<br>87.5 | 84.2<br>86.1 | 84.2<br>86.1<br>87.5 | 84.3<br>86.2<br>87.5 | 84.3<br>86.2<br>87.5 | 86.2         | 84.3<br>86.2<br>87.5 | 84.3         |
| ≥ 3000                     | 5.0<br>5.7   | 88.3         | 88.3         | 88.5         | 85.5<br>90.4 | 88.5<br>90.4 | 88,5                 |              | 88.5                 | 86,5         | 88.5                 | 90.5                 |                      | 88.5         |                      | 88,5         |
| ≥ 2000                     | 90.9         | 95.7         | 97.3         | 96.0         | 96.0         | 96.0         | 96.1                 | 96.1         | 96.1                 | 96.1         | 96.1<br>97.7         | 96.1                 | 96.1                 | 96.1         | 96.1                 | 96.1         |
| ≥ 1500                     | 92.5         | 9: 3<br>9: 7 | 98.4<br>98.8 | 98,7         | 96.7         | 98.8         | 98.9                 |              | 98.9                 | 95,9         |                      | 99.0                 | 99.0                 |              | 99.0                 | 99.0         |
| ≥ 1000<br>≥ 900            | 52.7         | 98.8<br>98.8 | 90.9         | 99.2         | 99.3         | 99.4         | 99.5                 | 79.5         | 99.5                 | 99.5         | 99.5                 | 99.6                 | 99.6                 | 99.6         | 99.6                 | 99.6         |
| ≥ 800<br>≥ 700             | 92.7         | 98.8<br>98.8 | 99.0         | 99.3         | 99.4         | 99.5         | 99.6                 | 99.6         | 99.6                 | 99.7         | 99.7                 | 99.8                 | 99,8                 | 99.8         | 99.4                 | 99.8         |
| ≥ 600                      | 92.7         | 98.8<br>98.8 | 99.1         | 99.4         | 99.5         | 99.6         | 99.7                 | 99.7         | 99.7                 | 99.8         | 99.8                 | 99.9                 | 99,9                 | 99,9         | 99.9                 | 99.9         |
| ≥ 400<br>≥ 300             | 92.7         | 93.8<br>95.8 | 99.1         | 99.4         |              | 99.6         | 99.7                 | 99.7         | 99.7                 | 99.8         |                      | 99.9                 |                      |              | 100.0                | 100.0        |
| ≥ 200                      | 92.7         | 98,8<br>98,8 | 99.1         | 99,4         |              | 99.6         | 99.7                 |              | ,                    |              | 99.8                 |                      | 99.9                 | 99.9         | 100.0                |              |
| ≥ 0                        | 92.7         | 98.8         | 99.1         | 99;4         | 99.5         | 99,6         | 99,7                 | 99,7         | 99,7                 | 99,6         | 99,8                 | 99,9                 | 99.9                 | 99,9         | 100.0                | 100.0        |

TOTAL NUMBER OF OBSERVATIONS 1423

USAF ETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TATA PRIMESSING THAT CH ATE BAT EL LE VILLE AT

## CEILING VERSUS VISIBILITY

Jack STON IS LOUD PACIFIC 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING                    |               |                      |              |              | •            |              | VIS          | BILITY STA           | ATUTE MIL    | ES.  |              |              |              |              | ·            |              |
|----------------------------|---------------|----------------------|--------------|--------------|--------------|--------------|--------------|----------------------|--------------|------|--------------|--------------|--------------|--------------|--------------|--------------|
| FEET                       | ≥10           | ≥6                   | ≥5           | ≥ 4          | ≥3           | ≥21-2        | ≥ 2          | ≥1 2                 | ≥1'-4        | ≥1   | ≥ 34         | ≥ 3/8        | ≥ 1⁄2        | ≥ 5 16       | ≥ %          | ≥0           |
| NO CEILING<br>≥ 20000      | 7.9           | 71.1                 | 58.0<br>71.1 | 63.0<br>71.1 | 71.1         | 03.0<br>71.1 | 65.0<br>71.1 | 68.0<br>71.1         | 68.0         | 71.1 | 58.0<br>71.1 | 68.0<br>71.1 | 68.0<br>71.1 | 68.0<br>71.1 | 48.0<br>71.1 | 68.0<br>71.1 |
| ≥ 18000<br>≥ 16000         | 7 8 . 1       | 71.3                 | 71.3<br>71.5 | 71.5         | 71.3         | 71.3         | 71.3<br>71.5 | 71.5                 | 71.3<br>71.5 | 71.3 | 71.3<br>71.5 | 71.3         | 71.3<br>71.5 | 71.3<br>71.5 | 71.3<br>71.5 | 71.3<br>71.5 |
| ≥ 14000<br>≥ 12000         | 06.8          | 73.4                 |              | 72.2         | 72.2<br>73.4 | 72.2         | 72.2         | 72.2                 | 72.2         | 72.2 | 72.2         | 72.2         | 72.2         | 73.4         | 72.2         | 73.4         |
| ≥ 10000<br>≥ 9000          | 75.4          | 79.5                 | 79,5         |              | 79.5         | 76.7         | 76.7         | 76.7<br>79.5         | 76.7<br>79.5 | 76.7 | 76.7         | 76.7         | 76.7         | 74.7         | 76.7         |              |
| ≥ 8000<br>≥ 7000           | 78.6          |                      | 81.3         | 83.7         | 83.2         | 83.3         | #1.3<br>83.2 | 83.7                 | 81.3<br>83.2 | 81.3 | #1.3<br>83.2 | 91.3<br>83.2 | 83.2         | 81.3         | 83,2         | 83.2         |
| ≥ 6000<br>≥ 5000           | 79.1          | 84.9                 | R5.0         | 85.0         | 85.0         | 83.7         | 85.0         | 83.7<br>65.0         | 83.7         | 85.0 |              | 83.7         | 85,0         | 85.0         |              | 85.0         |
| ≥ 4500<br>≥ 4000           | 1.3           | 88,0                 | 86.1         | 88.2         | 86.1         | 86.1         | 88,2         | 88.2                 | 86.1         | 86.1 | 36.1<br>88.2 | 85.1         | 36.1<br>38.2 | 88.2         | 2.88<br>2.88 | 86.1<br>88.2 |
| ≥ 3500<br>≥ 3000           | 4.4           | 90.0                 |              | 90,8         | 90.8         | 89.7<br>90.8 | 59.7<br>90.8 | 89.7<br>90.8         | 90.8         |      |              | 89.7<br>90.8 | 90.8         | 90.1         | 89.7<br>90.8 |              |
| ≥ 2500<br>≥ 2000           | - 5.3<br>-0.2 | 91.7<br>96.0<br>95.0 | 92.0<br>95.3 | 96.4<br>96.4 |              | 92.0         | 92.0<br>96.5 | 92.0<br>96.5<br>97.5 | 92.0         | 96.5 | 92.0         | 98.0         |              | 96.5         | 96.5         | 96.5         |
| ≥ 1800<br>≥ 1500<br>≥ 1200 | 1.0           | 98.2                 | 93.3         | 98.7         |              | 97.5<br>98.8 | 98.8         | 99.0                 | 97.5         | 99.0 | 99.0         | 97.5         | 97.6<br>99.1 | 99.1         | 97.6<br>99.1 | 99.1         |
| ≥ 1000                     | 21.7          | 98.2                 | 98.9         | 99.1         | 99.3         | 99.3         | 99.4         | 99.6                 | 99.6         | 99.6 | 99.8         | 99.9         | 99.9         | 99.9         | 99.9         | 99.9         |
| ≥ 800<br>≥ 700             | 91.7          | 90.2                 | 98.9         | 99.1         | 99.4         | 99.4         | 99.4         | 99.0                 | 99.6         | 99.6 | 99.9         | 99.9         | 99.9         | 91.9         | 99.9         | 99.9         |
| ≥ 600                      | 1.7           | 98.2                 | 98.9         | 99.2         | 99.4         | 99.4         | 99.5         | 99.7                 | 99.7         | 99.7 | 99,9         |              |              | 100.0        | 100.0        | 100.0        |
| ≥ 400<br>≥ 300             | 51.7          | 98.2                 | 9d.9         | 99.2         | 99.4         | 99.4         | 99.5         | 99.7                 | 99.7         | 99.7 | 99,9         | 100.0        |              | 100.0        |              | 100.0        |
| ≥ 200                      | 91.7          | 98.2                 | 98.9         | 99.2         | 99.4         | 99.4         | 99.5         | 99.7                 | 99.7         | 99.7 | 99,9         | 100.0        | 100.0        | 100.0        | 100.0        | 100.0        |
| ≥ 0                        | 91.7          | 94.2                 | 28.9         |              |              | 99.4         | 99.5         | 99.7                 | 99.7         | 99.7 |              |              |              | 100.0        |              |              |

TOTAL NUMBER OF OBSERVATIONS\_

### PART D

### SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| OKTAS           | TENTH  |
|-----------------|--------|
| 0               | 0      |
| 1               | 1      |
| 2               | 3      |
|                 | 4      |
| 3<br>4          | 5      |
| 5               | 5<br>6 |
| 5<br>6          | 8      |
| 7               | 9      |
| 8 (or obscured) | 10     |

**SKY COVER** 

21603

JOHNSTON ISLAND/PACIFIC IS

48-72

ALL

STATION

STATION NAME

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS    |     |      |      | PERCENTAG | E FREQUENC | CY OF TENTH | S OF TOTAL | SKY COVER |      |     |      | MEAN      | TOTAL          |
|--------|----------|-----|------|------|-----------|------------|-------------|------------|-----------|------|-----|------|-----------|----------------|
| MONTH  | (L.S.T.) | 0   | 1    | 2    | 3         | 4          | 5           | 6          | 7         | 8    | 9   | 10   | SKY COVER | NO. OF<br>OBS. |
| JAN    | ALL      | 6.0 | 9.9  | 15.6 | 14.6      | 10.9       | 7.9         | 5.1        | 6.3       | 6.7  | 5.5 | 11.5 | 4.6       | 10912          |
| FEB    |          | 5.2 | 8.2  | 16.7 | 16.9      | 11.4       | 8.0         | 5.1        | 6.6       | 6.9  | 4.9 | 10-1 | 4.6       | 10111          |
| MAR    |          | 4.4 | 6.4  | 13.6 | 16.4      | 10.7       | 8.7         | 4.9        | 6.5       | 7.8  | 5,9 | 14.7 | 5.1       | 11379          |
| APR    |          | 1.6 | ~3.8 | 10.2 | 11.4      | 9.8        | 8.9         | 5.7        | 7.3       | 10.1 | 7.5 | 23.7 | 6.1       | 11008          |
| , · AY |          | 1.0 | 3.1  | 10.2 | 12.3      | 10.0       | 8.8         | 5.5        | 7.4       | 9.6  | 8.1 | 24.1 | 6.2       | 11405          |
| JUN    |          | 1.3 | 4.8  | 13.1 | 15.7      | 11.3       | 10.2        | 5.2        | 7.9       | 9.0  | 6.9 | 14.7 | 5.4       | 11053          |
| JUL    |          | .6  | 3.8  | 13.2 | 16.2      | 12.6       | 11.5        | 6.3        | 7.8       | 9,5  | 6.4 | 12.1 | 5.3       | 11887          |
| AUG    |          | .9  | 3.6  | 12.2 | 15,9      | 12.5       | 10.2        | 5,6        | 8.0       | 9.2  | 6.7 | 15.3 | 5.5       | 11889          |
| SEP    |          | .6  | 3.5  | 12.5 | 15.1      | 11.2       | 10.2        | 5,6        | 8,2       | 10.2 | 7.7 | 15.2 | 5.6       | 11524          |
| DCT    |          | . 8 | 4.0  | 10.9 | 14.4      | 10.7       | 9.4         | 5,5        | 8.1       | 10.1 | 7.8 | 18.3 | 5.8       | 11900          |
| NOV    |          | 1.7 | 6.2  | 14.0 | 16.0      | 11.9       | 9.6         | 4.7        | 6.8       | 7.9  | 5.9 | 15.2 | 5.2       | 11059          |
| DEC    |          | 2,6 | 7.4  | 14.3 | 15.5      | 10.9       | 9.2         | 5.2        | 6.7       | 8.0  | 5,9 | 14.3 | 5.1       | 11358          |
| 101    | ALS      | 2.2 | 5.4  | 13.0 | 15.0      | 11.2       | 9.4         | 5.4        | 7.3       | 8,8  | 6.6 | 15.8 | 5.4       | 135485         |

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

**SKY COVER** 

21603

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JUHNSTON ISLAND/PACIFIC IS

49-72

JAN

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |     | r    |      | PERCENTAG | E FREQUENC | Y OF TENTH | OF TOTAL | SKY COVER |     |          |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF |
|-------|----------|-----|------|------|-----------|------------|------------|----------|-----------|-----|----------|------|-------------------|-----------------|
|       | (L.S.T.) | 0   | 1    | 2    | 3         | 4          | 5          | 6        | 7         | 8   | 9        | 10   | SKY COVER         | OBS.            |
| MAL   | 00-02    | 6.5 | 11,6 | 18,5 | 15.5      | 11.3       | 7.3        | 3.5      | 5.0       | 6.7 | 3.6      | 10.5 | 4.2               | 136             |
|       | 03-05    | 5,6 | 11.2 | 18.1 | 15.4      | 10.2       | 8.4        | 4.6      | 5.4       | 5,4 | 3.2      | 12.6 | 4.4               | 136             |
|       | 06-08    | 2,5 | 5,9  | 13.7 | 13.6      | 12.2       | 8.1        | 7.3      | 8.4       | 8.1 | 7.7      | 12.4 | 5.2               | 136             |
|       | 09-11    | 6.3 | 9.7  | 15.2 | 13.4      | 10.0       | 8.6        | 4.5      | 7.0       | 7.3 | 6.4      | 11.6 | 4,7               | 136             |
| •     | 12-14    | 8.3 | 10.4 | 10.0 | 14.3      | 11.0       | 8.4        | 5,3      | 7.8       | 5,9 | 6.1      | 12.4 | 4.7               | 136             |
|       | 15-17    | 7.0 | 8.8  | 14.6 | 16.0      | 10.5       | 7.0        | 4.7      | 5.9       | 6.1 | 7.7      | 11.9 | 4.7               | 136             |
|       | 18-20    | 5.8 | 9.4  | 14.8 | 15,2      | 10.6       | 8,3        | 6.1      | 5.0       | 8,3 | 5.1      | 11.3 | 4.7               | 136             |
|       | 21-23    | 6.1 | 11.9 | 20.2 | 13.7      | 11.3       | 7.0        | 4.9      | 5.6       | 5,9 | 4.0      | 9.3  | 4.2               | 136             |
|       |          |     |      |      |           |            |            | -        |           |     |          |      |                   |                 |
|       |          |     |      |      |           |            |            |          |           |     | <u> </u> |      |                   |                 |
| 10    | TALS     | 6.0 | 9.9  | 15.6 | 14.6      | 10.9       | 7.9        | 5.1      | 6.3       | 6.7 | 5.5      | 11.5 | 4.6               | 1091            |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

Age in the state

**SKY COVER** 

21003

JOHNSTON ISLAND/PACIFIC IS

49-72

FEB

STATION

STATION NAME

PERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |     |     |      | PERCENTAG | E FREQUENC | Y OF TENTH | S OF TOTAL | SKY COVER |     |     |      | MEAN                   | TOTAL<br>NO. OF |
|-------|----------|-----|-----|------|-----------|------------|------------|------------|-----------|-----|-----|------|------------------------|-----------------|
| MONTH | (L.S.T.) | 0   | 1   | 2    | 3         | 4          | 5          | 6          | 7         | 8   | 9   | 10   | TENTHS OF<br>SKY COVER | OBS.            |
| FEB   | 00-02    | 7.3 | 8.9 | 20.6 | 16.9      | 10.5       | 7.0        | 3.2        | 5.5       | 7.0 | 3.4 | 9.7  | 4.2                    | 126             |
|       | 03-05    | 4,4 | 8.8 | 19.9 | 18.7      | 10.1       | 6.6        | 5.3        | 5,5       | 6,9 | 3.2 | 10.6 | 4.4                    | 126             |
|       | 06=08    | 2,3 | 5.2 | 12.9 | 15.6      | 12.0       | 9,3        | 7.4        | 8,9       | 8.7 | 6.9 | 10.8 | 5.2                    | 126             |
|       | 09-11    | 4.4 | 8,4 | 14.7 | 16,3      | 11.4       | 7.4        | 5.6        | 7.6       | 7.0 | 6.0 | 11.2 | 4.8                    | 126             |
|       | 12-14    | 6.2 | 9.3 | 13.1 | 14.5      | 11.8       | 9.1        | 5.4        | 7.7       | 7,5 | 5,8 | 9,6  | 4.7                    | 126             |
|       | 3-17     | 6.3 | 7.9 | 12.8 | 18.0      | 13.2       | 8.5        | 4.0        | 7.0       | 6,9 | 5.5 | 9,8  | 4.6                    | 126             |
|       | 18-20    | 4.6 | 8.2 | 15.5 | 18.0      | 11.9       | 9.7        | 5.1        | 6,2       | 6,3 | 5.0 | 9,5  | 4,5                    | 126             |
|       | 21-23    | 6.2 | 8.8 | 24.2 | 17.4      | 10.3       | 6,3        | 4.5        | 4.4       | 5.1 | 3.2 | 9.7  | 4.1                    | 126             |
|       |          |     |     |      |           |            |            |            |           |     |     |      |                        |                 |
|       |          |     |     |      |           |            |            |            |           |     |     |      |                        |                 |
| to    | TALS     | 5.2 | 8.2 | 16.7 | 16.9      | 11.4       | 8.0        | 5.1        | 6.6       | 6.9 | 4.9 | 10.1 | 4.6                    | 1011            |

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

**SKY COVER** 

21603 JOHNSTON ISLAND/PACIFIC IS

49-72

MAR

STATION

STATION NAME

PERIOD

MONTH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH  | HOURS    |     |          |      | PERCENTAG | E FREQUENC | CY OF TENTH | S OF TOTAL | SKY COVER |      |     |      | MEAN                   | TOTAL          |
|--------|----------|-----|----------|------|-----------|------------|-------------|------------|-----------|------|-----|------|------------------------|----------------|
| moitin | (L.S.T.) | 0   | 1        | 2    | 3         | 4          | 5           | 6          | 7         | 8    | 9   | 10   | TENTHS OF<br>SKY COVER | NO. OF<br>OBS. |
| MAR    | 00-02    | 5.8 | 8.1      | 17.3 | 15.7      | 10.3       | 7.1         | 4.2        | 6.5       | 7.6  | 3.8 | 13,6 | 4.7                    | 1422           |
|        | 03-05    | 5,5 | 6.2      | 17.2 | 18.2      | 8,9        | 8.7         | 4.8        | 5.7       | 7.0  | 3.7 | 14.3 | 4.7                    | 1423           |
|        | 80=60    | 1.8 | 4.8      | 10.1 | 15,9      | 11.0       | 8,9         | 5.7        | 7.1       | 11.1 | 9.5 | 14.1 | 5.6                    | 1423           |
|        | 09-11    | 5,6 | 8.4      | 11.1 | 13.3      | 9.5        | 9.4         | 4.4        | 7.7       | 8,4  | 7.0 | 15.3 | 5.2                    | 1423           |
|        | 12-14    | 4,5 | 6,3      | 11.0 | 14,6      | 12.0       | 10.0        | 4.4        | 7.2       | 8.2  | 5.1 | 16.6 | 5,3                    | 1424           |
|        | 15-17    | 3,4 | 5.0      | 11.5 | 17.5      | 11.7       | 8,2         | 4.8        | 6.5       | 7,7  | 7.9 | 15.7 | 5.3                    | 1422           |
|        | 18-20    | 2.8 | 4.2      | 12.5 | 18.4      | 12.9       | 9.2         | 6.0        | 6.1       | 7,2  | 5,8 | 14.9 | 5.2                    | 1421           |
|        | 21-23    | 5.8 | 8.5      | 18.4 | 17.4      | 9.1        | 8.4         | 5.1        | 5.2       | 5,3  | 4.0 | 12.7 | 4.5                    | 1421           |
|        |          |     |          |      |           |            |             |            |           |      |     |      |                        |                |
|        |          |     | <u> </u> |      |           |            |             |            |           |      |     |      |                        |                |
| TO     | TALS     | 4.4 | 6.4      | 13.6 | 16.4      | 10.7       | 8.7         | 4.9        | 6.5       | 7,8  | 5,9 | 14.7 | 5.1                    | 11379          |

| USAFETAC | FORM<br>JUL 64 0-9-5 (OL A) | PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.   |   |
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**SKY COVER** 

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#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |     |     |      | PERCENTAG | E FREQUEN | CY OF TENTH | S OF TOTAL | SKY COVER |      |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF                       |
|-------|----------|-----|-----|------|-----------|-----------|-------------|------------|-----------|------|------|------|-------------------|---------------------------------------|
| MONTH | (L.S.T.) | 0   | 1   | 2    | 3         | 4         | 5           | 6          | 7         | 8    | 9    | 10   | SKY COVER         | OBS.                                  |
| APR   | 00-02    | 2.5 | 3.6 | 15.0 | 14.3      | 10.2      | 9.5         | 6.3        | 5,8       | 7.7  | 3,9  | 21.2 | 5,5               | 1375                                  |
| -     | 03-05    | 2.2 | 4.0 | 13.0 | 14.0      | 10.7      | 7.1         | 7.4        | 7.4       | 9.4  | 3.6  | 21.2 | 5.7               | 1376                                  |
|       | 06-08    | , 9 | 2.4 | 5,7  | 9,2       | 9.0       | 11.2        | 5,3        | 8,4       | 12.6 | 10.6 | 24,8 | 6.7               | 137                                   |
|       | 09-11    | 2.0 | 4.1 | 9.0  | 8.8       | 10.5      | 9,4         | 4.7        | 7.7       | 9.5  | 10.8 | 23.5 | 6.3               | 1376                                  |
|       | 12-14    | 1.7 | 3.8 | 7.7  | 10.7      | 4,9       | 8.3         | 5.0        | 8.1       | 9,9  | 9.3  | 26.5 | 6,4               | 1377                                  |
|       | 15-17    | .9  | 3.5 | 7.5  | 9.7       | 9.7       | 7.8         | 5.3        | 8.1       | 10.7 | 10.1 | 26.3 | 6.5               | 1377                                  |
|       | 18-20    | .7  | 3.3 | 9,6  | 9,4       | 10.2      | 9,4         | 6.0        | 7,4       | 11,5 | 7.5  | 25.0 | 6.4               | 1379                                  |
|       | 21-23    | 2.2 | 5.2 | 14.1 | 14.6      | 1,3       | 8,4         | 5.7        | 5,8       | 9.2  | 3.9  | 21.4 | 5,5               | 1379                                  |
|       |          |     |     |      |           |           |             |            |           |      |      |      |                   | · · · · · · · · · · · · · · · · · · · |
|       |          |     |     |      |           |           |             |            |           |      |      |      |                   |                                       |
|       |          |     |     | -    |           |           |             |            |           |      |      |      |                   |                                       |
| TO    | TALS     | 1.6 | 3.4 | 10.2 | 11.4      | 9.8       | 8,9         | 5.7        | 7.3       | 10.1 | 7.5  | 23.7 | 6.1               | 11008                                 |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

**SKY COVER** 

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#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| то    | TALS     | 1.0 | 3.1 | 10.2 | 12.3      | 10.0       | 8.8        | 5.5        | 7.4       | 7.6  | 8.1  | 24.1 | 6.2                    | 1140           |
|-------|----------|-----|-----|------|-----------|------------|------------|------------|-----------|------|------|------|------------------------|----------------|
|       |          |     |     |      |           |            |            |            |           |      |      |      |                        |                |
|       | 21-23    | 1.2 | 3.9 | 14.9 | 14.0      | 7,8        | 8.9        | 5.5        | 7,3       | 6.7  | 5.4  | 22.4 | 5.7                    | 142            |
|       | 18=20    | .4  | 1.7 | 8.0  | 11.1      | 11,1       | 9.0        | 6.2        | 7.3       | 9,9  | 9.5  | 26.0 | 6.5                    | 142            |
|       | 15-17    | .8  | 3.0 | 6.0  | 11.6      | 9,4        | 8,4        | 4.7        | 7.7       | 10.2 | 10.4 | 27.7 | 6.6                    | 148            |
|       | 12-14    | .9  | 2.9 | 8,3  | 11.2      | 10.4       | 8.5        | 4.5        | 7.0       | 11.1 | 9.3  | 25.9 | 6.4                    | 142            |
|       | 09-11    | 1.4 | 3.4 | 9.1  | 11.2      | 6,9        | 9,8        | 4.5        | 6.6       | 11.7 | 9,5  | 23.5 | 6.3                    | 142            |
|       | 06=08    | •1  | 1.7 | 7.4  | 10.7      | 9,4        | 9.3        | 5.5        | 8,9       | 11.0 | 11.3 | 24.8 | 6.7                    | 142            |
|       | 03-05    | 1.3 | 3.5 | 13.4 | 12.0      | 11.4       | 9.3        | 6.7        | 7.2       | 9,3  | 4.5  | 20.8 | 5.7                    | 142            |
| MAY   | 00=02    | 1.5 | 4.8 | 14.7 | 16.1      | 9.7        | 7.2        | 5,8        | 6,8       | 7.1  | 4.6  | 21.8 | 5.6                    | 142            |
| MUNIH | (L.S.T.) | 0   | 1   | 2    | 3         | 4          | 5          | 6          | 7         | 8    | 9    | 10   | TENTHS OF<br>SKY COVER | NO. OF<br>OBS. |
| MONTH | HOURS    |     |     |      | PERCENTAG | E FREQUENC | Y OF TENTH | S OF TOTAL | SKY COVER |      |      |      | MEAN                   | TOTAL          |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

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JUHNSTON ISLAND/PACIFIC IS

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| монтн | HOURS    |     |     |      | PERCENTAG | E FREQUENC | Y OF TENTH | S OF TOTAL | SKY COVER |      |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF |
|-------|----------|-----|-----|------|-----------|------------|------------|------------|-----------|------|------|------|-------------------|-----------------|
|       | (L.S.T.) | 0   | 1   | 2    | 3         | 4          | 5          | 6          | 7         | 8    | 9    | 10   | SKY COVER         | OBS.            |
| JUN   | 00-02    | 2.2 | 5.3 | 18.4 | 21.4      | 11.5       | 8.2        | 4.1        | 7.0       | 6,3  | 3,3  | 12.3 | 4.7               | 138             |
|       | 03-05    | 1.8 | 4.8 | 15.1 | 18.6      | 11.4       | 9.6        | 6.2        | 8.0       | 8.0  | 3.5  | 12.9 | 5.0               | 138             |
|       | 06=08    | .4  | 2.2 | 8.0  | 12.8      | 12.1       | 10.1       | 6.1        | 9.0       | 12.6 | 10.6 | 16.1 | 6.1               | 138             |
|       | 09-11    | 1.2 | 6.4 | 8.8  | 13.4      | 10.4       | 10.7       | 5.2        | 9,9       | 10.6 | 7.8  | 15.6 | 5.7               | 138             |
|       | 12-14    | 1.3 | 5,4 | 12.0 | 12,2      | 11,4       | 10.8       | 5,9        | 8.0       | 8,3  | 8.1  | 16,5 | 5.6               | 138             |
|       | 15-17    | .7  | 3.8 | 12.7 | 13,6      | 11.2       | 11.3       | 4.5        | 6,9       | 8,8  | 10.1 | 16.2 | 5.7               | 138             |
|       | 18-20    | .7  | 3,5 | 10.6 | 15.1      | 12,7       | 10.3       | 4.8        | 7.9       | 11.2 | 7.6  | 15.8 | 5.7               | 138             |
|       | 21-23    | 2,2 | 7.0 | 18.8 | 18.2      | 10.0       | 10.2       | 4.7        | 6,4       | 6.4  | 3,8  | 12.2 | 4.7               | 138             |
|       |          |     |     |      |           |            |            |            |           |      |      |      |                   |                 |
|       |          |     |     |      |           |            |            |            |           |      |      |      |                   |                 |
| to    | TALS     | 1.3 | 4.0 | 13.1 | 15.7      | 11.3       | 10.2       | 5.2        | 7,9       | 7.0  | 6.9  | 14.7 | 5.4               | 1105            |

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

**SKY COVER** 

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH       | HOURS    |     |     |      | PERCENTAG | E FREQUENC | CY OF TENTH | S OF TOTAL | SKY COVER |      |     |      | MEAN      | TOTAL          |
|-------------|----------|-----|-----|------|-----------|------------|-------------|------------|-----------|------|-----|------|-----------|----------------|
| MONTH       | (L.S.T.) | 0   | 1   | 2    | 3         | 4          | 5           | 6          | 7         | 8    | 9   | 10   | SKY COVER | NO. OF<br>OBS. |
| JUL         | 00-02    | 1.3 | 5.3 | 20.5 | 18.7      | 13.1       | 10.2        | 5.5        | 5.8       | 6.4  | 3.4 | 10.0 | 4.6       | 148            |
|             | 03-05    | .4  | 4.5 | 16.5 | 18.5      | 13.0       | 12.6        | 5.9        | 7.9       | 8.3  | 3.9 | 8.5  | 4.8       | 148            |
|             | 06-08    | .2  | 2.3 | 8.2  | 14.0      | 13.5       | 12.0        | 6.4        | 9.1       | 12.0 | 8.9 | 13,4 | 5,9       | 148            |
|             | 09-11    | .5  | 2.9 | 10.6 | 15.7      | 12.5       | 12.2        | 6.1        | 7,9       | 10.8 | 7.0 | 13.7 | 5.6       | 1486           |
|             | 12-14    | . 6 | 3.8 | 11.2 | 13.6      | 11.4       | 11.5        | 7.3        | 8,9       | 8.9  | 8.2 | 14.4 | 5,7       | 148            |
|             | 15~17    | .4  | 2.8 | 10.6 | 14.9      | 12.3       | 12.2        | 5,8        | 4.5       | 10.7 | 8.6 | 13.1 | 5.7       | 148            |
|             | 18-20    | .1  | 3.8 | 10.4 | 13.7      | 12.6       | 11.0        | 6.7        | 9.0       | 10.7 | 7.9 | 13.8 | 5.7       | 148            |
|             | 21-23    | 1.1 | 5.0 | 17.4 | 20.5      | 12.4       | 10.1        | 6.4        | 5,6       | 7.8  | 3.5 | 10.1 | 4.7       | 148            |
|             |          |     |     |      |           |            |             |            |           |      |     |      |           |                |
| <del></del> |          |     |     |      |           |            |             |            |           |      |     |      |           |                |
| то          | TALS     | .6  | 3.8 | 13.2 | 16.2      | 12.6       | 11.5        | 6.3        | 7.8       | 9,5  | 6.4 | 12.1 | 5.3       | 1188           |

| USAFETAC FORM 0-9-5 (OL A) PI | REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE |
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**SKY COVER** 

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |     |     |      | PERCENTAG | E FREQUENC | CY OF TENTH | S OF TOTAL | SKY COVER |      |     |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF |
|-------|----------|-----|-----|------|-----------|------------|-------------|------------|-----------|------|-----|------|-------------------|-----------------|
|       | (L.S.T.) | 0   | 1   | 2    | 3         | 4          | 5           | 6          | 7         | 8    | 9   | 10   | SKY COVER         | OBS.            |
| AUG   | 00-02    | 2.0 | 4.9 | 16.4 | 17.5      | 12.9       | 9,9         | 4.4        | 8.2       | 7.3  | 3.4 | 13.1 | 5.0               | 148             |
|       | 03-05    | 1.5 | 4.9 | 19.2 | 18.9      | 11.9       | 8.1         | 5.9        | 7.7       | 7.3  | 3.1 | 11.5 | 4.8               | 148             |
|       | 06-08    | .2  | 2.6 | 7.4  | 14.7      | 11.6       | 11.2        | 4.8        | 9,3       | 13.4 | 8.5 | 16.1 | 6.0               | 148             |
|       | 09-11    | 1.1 | 4.4 | 8.7  | 13.6      | 11.6       | 10.8        | 6.7        | 7,9       | 10.6 | 7.9 | 16.6 | 5.8               | 148             |
|       | 12-14    | .4  | 2.4 | 9,5  | 15.3      | 12.2       | 11.2        | 5.7        | 8.1       | 9,6  | 8.2 | 17.3 | 5.9               | 148             |
|       | 15-17    | .5  | 2.3 | 9.4  | 13.9      | 12.4       | 10.4        | 6.0        | 7.5       | 9.3  | 9.5 | 18.8 | 6.0               | 148             |
|       | 18-20    | .4  | 2.8 | 9.8  | 14.5      | 13,3       | 10.1        | 6.7        | 7.7       | 9,5  | 8,6 | 16.6 | 5,8               | 148             |
|       | 21-23    | 1.2 | 4.3 | 17.1 | 18.8      | 13.8       | 9,5         | 4.8        | 7.5       | 6,5  | 4.2 | 12.2 | 4,9               | 148             |
| -     |          |     |     |      |           |            |             |            |           |      |     |      |                   |                 |
|       | TALS     | ,9  | 3.6 | 12.2 | 15.9      | 12.5       | 10.2        | 5.6        | 8.0       | 7.2  | 6.7 | 15.3 | 5.5               | 1100            |

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

**SKY COVER** 

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |     |     |      | PERCENTAG | E FREQUEN | CY OF TENTH | S OF TOTAL | SKY COVER |      |      |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF |
|-------|----------|-----|-----|------|-----------|-----------|-------------|------------|-----------|------|------|------|-------------------|-----------------|
| MONTH | (L.S.T.) | 0   | 1   | 2    | 3         | 4         | 5           | 6          | 7         | 8    | 9    | 10   | SKY COVER         | OBS.            |
| SEP   | 00-02    | .7  | 5.5 | 18.1 | 19.9      | 11.5      | 9.9         | 4.7        | 5.9       | 6.5  | 4.9  | 12.5 | 4.9               | 144             |
|       | 03-05    | .6  | 6.0 | 18.0 | 17.2      | 12.9      | 8,8         | 4.8        | 8,3       | 7.9  | 3.5  | 12.0 | 4.9               | 143             |
|       | 06-08    | .5  | 2.3 | 7.6  | 13,2      | 10.8      | 11.8        | 6.0        | 8.9       | 12.8 | 9.2  | 17.0 | 6.1               | 144             |
|       | 09-11    | .6  | 3.2 | 10.0 | 13.6      | 11.9      | 10.4        | 6.0        | 8.9       | 9.6  | 9.7  | 16.1 | 5.9               | 1440            |
|       | 12-14    | .3  | 2.6 | 8.9  | 13.1      | 10.1      | 10.3        | 6.0        | 9,9       | 12.0 | 9.2  | 17.6 | 6.1               | 1440            |
|       | 15-17    | .1  | 2.4 | 8.2  | 12.9      | 10.5      | 9,9         | 5.4        | 8,3       | 13.1 | 12.0 | 17.1 | 6.2               | 1430            |
| -     | 18-20    | . 4 | 2.1 | 11.6 | 13.8      | 10.5      | 9,8         | 7.1        | 8.2       | 12,4 | 8.2  | 16.0 | 5.9               | 144             |
|       | 21-23    | 1.6 | 3.9 | 17.3 | 17.3      | 11.6      | 11.0        | 4.9        | 6.9       | 7.1  | 5.1  | 13.3 | 5.1               | 144             |
|       |          |     |     |      |           |           |             |            |           |      |      |      |                   |                 |
|       |          |     |     |      |           |           |             |            |           |      |      |      |                   |                 |
| то    | TALS     | .6  | 3.5 | 12.5 | 15.1      | 11.2      | 10.2        | 5.6        | 8.2       | 10.2 | 7.7  | 15.2 | 5.6               | 1152            |

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

**SKY COVER** 

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| TO    | TALS     |     | 4.0 | 10.9 | 14.4      | 10.7       | 9.4         | 5.5        | 8.1       | 10.1 | 7.8  | 18.3 | 5.8                    | 1190           |
|-------|----------|-----|-----|------|-----------|------------|-------------|------------|-----------|------|------|------|------------------------|----------------|
|       |          |     |     |      |           |            |             |            |           |      |      |      |                        |                |
|       | 21-23    | 1.1 | 3.8 | 14.6 | 18.5      | 10.9       | 9,3         | 6.2        | 7.0       | 9.1  | 3.6  | 15.9 | 5.3                    | 148            |
|       | 18-20    | .9  | 3.3 | 9.3  | 13.4      | 9,2        | 10.3        | 5.2        | 8,3       | 12.0 | 8.1  | 20.0 | 6.1                    | 140            |
|       | 15-17    | .5  | 4.2 | 7.1  | 11.3      | 9,3        | 8.1         | 6.0        | *.1       | 12.5 | 11.2 | 21.8 | 6.4                    | 148            |
|       | 12-14    | .3  | 2.9 | 5.8  | 11.9      | 11.8       | 10.4        | 5.3        | 8.3       | 11.8 | 9,9  | 21.5 | 6.4                    | 140            |
|       | 09-11    | .3  | 4.7 | 8.0  | 11.3      | 11.6       | 8.8         | 5.4        | 8.7       | 11.0 | 10.2 | 20.0 | 6.2                    | 148            |
|       | 06-08    | .7  | 2.3 | 7.4  | 12.2      | 11.6       | 10.6        | 4.8        | 8.9       | 11.6 | 11.0 | 19.1 | 6,3                    | 148            |
|       | 03-05    | 1.2 | 4.0 | 17.1 | 17.6      | 11.6       | 9.7         | 5.3        | 8.7       | 7.1  | 4,5  | 13.2 | 5.1                    | 148            |
| CT    | 00-02    | 1.2 | 6.5 | 17.8 | 19.1      | 9.7        | 8.3         | 5.7        | 6.9       | 6.0  | 4.0  | 14.8 | 4.9                    | 148            |
|       | (L.S.T.) | 0   | 1   | 2    | 3         | 4          | 5           | 6          | 7         | 8    | 9    | 10   | TENTHS OF<br>SKY COVER | NO. OF<br>OBS. |
| монтн | HOURS    |     |     |      | PERCENTAG | E FREQUENC | CY OF TENTH | S OF TOTAL | SKY COVER |      |      |      | MEAN                   | TOTAL          |

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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**SKY COVER** 

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| <del></del>  | 18-20             | .8          | 5.5 | 13.4         | 16.5 | 11.6 | 8,9         | 5.0 | 6,6 | 9.6 | 5.9 | 16.3 | 5.4      | 138 |
|--------------|-------------------|-------------|-----|--------------|------|------|-------------|-----|-----|-----|-----|------|----------|-----|
|              | -                 |             |     | <del> </del> |      |      |             |     |     |     |     |      |          |     |
| ·-           | 15-17             | 1.4         | 4.2 | 9.9          | 14.2 | 12.8 | 10.5        | 5.1 | 7.2 | 8,5 | 8.8 | 17.5 | 5.7      | 138 |
|              | 12-14             | 1.7         | 5.4 | 10.1         | 13.0 | 11.9 | 11.4        | 5.6 | 7.2 | 9.8 | 7.8 | 16.1 | 5.6      | 138 |
|              | <del>  </del>     | <del></del> |     |              |      |      |             |     |     |     |     |      | 5.4      |     |
| <del>_</del> | 09-11             | 2.5         | 6.7 | 11.3         | 14.4 | 10.6 | 10.1        | 5.4 | 7.0 | 8.0 | 7.4 | 16.6 |          | 138 |
|              | 06-08             | 1.2         | 4.3 | 10.9         | 14.3 | 12.7 | 11.1        | 4,8 | 7.6 | 8.5 | 7.7 | 16.9 | 5.6      | 138 |
|              | 03-05             | 1.9         | 8.2 | 19.8         | 18.0 | 13.1 | 7.0         | 4.1 | 5.4 | 6.7 | 3.2 | 12.6 | 4.6      | 136 |
| [4DV         | 00-02             | 2,2         | 8.2 | 19.7         | 18,2 | 11.0 | 9.0         | 4.3 | 6,7 | 5,9 | 2.8 | 12.0 | 4.6      | 134 |
| MONTH        | HOURS<br>(E.S.T.) | 0           | 1   | 2            | 3    | 4    | SY OF TENTH | 6   | 7   | 8   | 9   | 10   | TENTHS O |     |

| USAFETAC | FORM<br>JUL 64 | 0-9-5 | (OL A) | PREVIOUS EDITIONS OF THIS FORM ARE OBSOL | LETE. |   |      |             |  |
|----------|----------------|-------|--------|--|-------|---|------|-------------|--|
| 7        |                |       |        |  |       |   |      | <br>        |  |
|          |                |       |        |  | ***   |   |      |             |  |
|          |                |       |        |  |       |   |      |             |  |
|          |                |       |        |  |       |   |      |             |  |
| -        |                |       |        |  | 1     | • | وبدر | <br><b></b> |  |

**SKY COVER** 

21503

JOHNSTON ISLAND/PACIFIC IS

48-71

DFC

STATION

STATION NAME

PERIOD

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| to    | PTALS                   | 2.6 | 7.4 | 14.3 | 15.5      | 10.9      | 9.2         | 5.2        | 6.7       | 8.0  | 5,9 | 14.3 | 5.1               | 1135            |
|-------|-------------------------|-----|-----|------|-----------|-----------|-------------|------------|-----------|------|-----|------|-------------------|-----------------|
|       |                         |     |     |      |           |           |             |            |           |      |     |      |                   | ****            |
|       | 21-23                   | 2,0 | ,,, | 10.7 | 10.5      |           | 0,5         | 40,        |           | 7.4  | 3.1 | 1400 | 7.1               |                 |
|       | 21-23                   | 2.8 | 7.8 | 18,9 |           | 11.8      | 8.5         | 4.7        | 6.3       | 5,4  | 3.1 | 14.0 | 4.7               | 14              |
|       | 12=14<br>15=17<br>18=20 | 2.6 | 0.8 | 14.2 | 16.1      | 10.6      | 9.4         | 5.3        | 7,2       | 8.2  | 5.5 | 14.2 | 5.1               | 14              |
| -     |                         | 3.0 | 6.3 | 10.9 | 15.2      | 10.2      | 10.4        | 5.8        | 7.2       | 9.2  | 6.9 | 14.9 | 5.4               | 14              |
|       | 12-14                   | 3,2 | 7.4 | 12.0 | 13,4      | 10.1      | 10.8        | 4,9        | 7.7       | 7,2  | 7.5 | 15.8 | 5,3               | 14              |
|       | 09-11                   | 2.7 | 7.8 | 11.9 | 14.4      | 11.1      | 9.2         | 5.8        | 6.5       | 8.5  | 7.7 | 14.4 | 5.3               | 14              |
|       | 06-08                   | 1.3 | 4,9 | 10.9 | 15,3      | 10.3      | 10.3        | 5.1        | 8.7       | 11.4 | 8.4 | 13.2 | 5.6               | 142             |
|       | 03-05                   | 2.9 | 9.3 | 18.2 | 16.1      | 10.5      | 8.2         | 5.7        | 4,9       | 7.0  | 3.7 | 13.5 | 4.7               | 142             |
| UEC_  | 00-02                   | 2,2 | 9.0 | 17.4 | 17.0      | 12.8      | 6.8         | 4.2        | 5.4       | 6.7  | 4.3 | 14.3 | 4.8               | 142             |
| MONTH | (L.S.T.)                | 0   | 1   | 2    | 3         | 4         | 5           | 6          | 7         | 8    | 9   | 10   | SKY COVER         | OBS.            |
| MONTH | HOURS                   |     |     |      | PERCENTAG | E FREQUEN | CY OF TENTH | S OF TOTAL | SKY COVER |      |     |      | MEAN<br>TENTHS OF | TOTAL<br>NO. OF |

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION ETAC/USAF AIR VEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

### PART E

### PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

- 1. Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperature
  - b. Daily minimum temperature
  - c. Daily mean temperature
- 2. Extreme values derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

  This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distributes a debulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\sum X^2)$ , sums of values  $(\sum X)$ , means  $(\overline{X})$ , and standard deviations  $(\sigma x)$ . The number of observations used in the computations for each element is also shown.
- e. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.
  - NOTE: We t-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
  - a. Dry-bulb temperature
  - b. Wet-bulb temperature
  - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

2 **DAILY TEMPERATURES** STATION NAME MUNITERS CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS) AUG ANNUAL JUN. 1.0 2.3 4.0 18.6 36.8 57.3 77.9 88.6 97.8 100.0 100.0 100.0 100.0 100.0 1 JUL 2.2 1.5 66.5 68.8 99.9 100.0 23.7 90 23.0 4.3 28.6 88.0 53.6 99.6 91.6 80 75 70 100.0 100.0 100.0 100.0 99.9 100.0 \*\*41 m 2

80.6 80.6 80.9 81.6 82.8 84.0 84.7 85.1 85.3 84.6 33.2 81.5 1 1.992 2.056 1.623 1.844 1.483 1.719 1.751 1.666 1.787 1.824 1.826 795 706 773 779 706 775 775 775 756 767 757 782

1111

-ATA PRICESSING CRANCE

SAFETAT

AIR EATTER TERVICE/CAC

Plock

Station NAME

**DAILY TEMPERATURES** 

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

WINTERN

| TEMP | o 'ok | JAN              | FEB.  | MAR.  | APR.   | MAY   | JUN.  | JÜL.  | AUG.  | SEP       | OC1   | NOV   | DEC.    | ANNUAL      |
|------|-------|------------------|-------|-------|--------|-------|-------|-------|-------|-----------|-------|-------|---------|-------------|
|      | 57    |                  |       |       |        |       |       | 3,9   | 9,7   | 11,1      | 8,'   | .7    |         | 2 . 0       |
|      | 75    | 23.0             | 25.0  | 27.6  | 44,7   | 73,7  | 84.9  | 90,6  | 90,6  | 91,1      | 85.3  | 73.2  | 47.2    | 63.4        |
|      | 75    | 9292             | 91.7  | 93.4  | 97.0   | 99.1  | 99.9  | 100.0 | 100.0 | 100.0     | 99.   | 94.7  | 96.5    | 97.4        |
|      | 65    | ື <b>ງ</b> ໘ຸ້9່ | 99.7  | 100.0 | 100.0  | 100.0 | 100.0 |       |       |           | 100.0 | 97.9  | 99.7    | 99          |
|      | 60    | 100.0            | 100.0 | •     |        |       |       |       |       |           |       | 100.6 | 100.0   | 100.5       |
|      |       |                  | · ·   |       | ,      |       |       |       |       |           |       | • .   | - · .   |             |
|      |       |                  |       |       |        |       | •     |       |       |           |       |       |         |             |
|      |       |                  |       | •     | ,      | ,     |       | •     |       |           |       |       |         |             |
|      |       |                  |       | •     |        | •     |       | ,     |       |           | ,     |       |         |             |
|      |       |                  |       | •     |        |       | •     | ,     |       |           |       |       |         |             |
|      |       |                  |       |       |        |       |       |       |       |           |       |       |         |             |
|      |       |                  |       |       |        |       |       |       |       |           |       |       |         |             |
|      |       |                  |       | •     |        |       |       |       |       |           |       |       |         |             |
|      |       |                  |       | •     |        | •     |       |       |       |           |       |       |         |             |
|      |       |                  |       | •     | •      |       |       |       | •     |           |       |       | •       |             |
|      |       |                  |       |       | -      |       |       |       |       |           |       |       |         |             |
|      |       |                  |       |       | ,      | •     |       |       |       |           |       |       |         |             |
|      |       |                  | -     | *     |        |       |       | •     |       |           |       |       | -       |             |
|      |       |                  |       |       | •      | •     |       | •     |       | •         |       |       |         |             |
|      |       |                  |       |       |        |       |       |       |       |           |       |       |         |             |
|      |       | •                |       |       |        |       |       |       |       |           |       |       |         |             |
|      |       |                  |       |       |        | •     |       |       | •     | •         |       |       | -       |             |
|      |       |                  |       |       |        | •     |       |       |       | •         |       | •     | -       |             |
|      |       |                  | •     |       |        |       |       | •     |       | •         |       | ,     | -       |             |
|      |       |                  | •     |       |        |       | •     |       |       | •         | •     |       | -       |             |
|      |       |                  |       |       |        |       |       | •     | •     |           | •     |       | -       |             |
|      |       |                  |       |       |        |       |       |       |       | •         |       |       | -       |             |
|      |       |                  |       |       | -      |       |       |       |       | -         |       | •     | ••      |             |
|      |       |                  |       |       | -      |       |       |       |       |           |       | ,     |         |             |
|      |       |                  |       |       |        |       |       |       |       |           | •     |       |         |             |
|      |       | -                |       |       |        | •     |       |       |       |           |       |       |         |             |
|      |       |                  |       |       |        | •     |       |       |       |           |       |       |         |             |
|      |       |                  |       |       |        |       |       |       |       |           |       | ,     |         |             |
|      |       |                  |       |       |        |       |       |       |       |           |       |       |         |             |
|      |       |                  |       |       |        |       |       |       |       |           |       | •     |         |             |
| ME   | ΔN    | , j. j. n        | 72.7  | 72 1  | 73.7   | 7 . 4 | 70.2  | 77.0  | 77.5  | 77.6      | 74 0  | 76 7  | 74.1    | 9 %         |
| 5    |       | . 2 . 16.9       | 72.7  | 3.192 | 5 7 19 | 1 71  | 1.701 | 704   | 1 40  | 1 2 7 4 4 | 76.7  | 1774  | 7 T O 1 | 75.<br>2.67 |
|      | OBS   | 77               | 764   | 772   | 773    | 10071 | 77    | 775   | 77    | 75        | 787   | 757   | 782     | 353         |

USAF ETAC FORM 0.21.5 (CL. 1) PREVIOUS FORMOR OF THIS FORM ARE OBSOLETE

CATA PRICESSIP MARCE

ASSETTATION TENDER OF THE MARCE PROPERTY OF

**DAILY TEMPERATURES** 

' Δ'

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

| TEA | AP °F          | JAN                   | FEB.          | MAR         | APR.  | MAY          | JUN.    | JUL.  | AUG            | SEP            | OCT          | NOV   | DEC     | ANNUAL |
|-----|----------------|-----------------------|---------------|-------------|-------|--------------|---------|-------|----------------|----------------|--------------|-------|---------|--------|
|     | 65             |                       |               |             |       |              |         | , 5   | 1.3            | 1,2            | . 1          |       |         | . 9    |
|     | 1.0            | 4 g .                 | ٦, ٦          | 4.7         | 15,0  | 44.3         | 76.4    | 88,1  | 90.5           | 91,5           | 82.          | 59.7  | 15.7    | 49     |
|     | 13             | 93                    | 95.3          | 92 %        | 92.2  | 99 A         | 100.0   | 100.0 | 100.0          | 100.0          | 99.7         | 99.2  | 97.2    | 97.    |
|     | 70             |                       | 100.0         |             |       |              | -00 PO. | ***** |                | TACAR.         |              | 100.0 | 1000    | 100    |
|     | ,.,            | , O                   |               | # O (2 # 12 | 100,0 | 10010        |         |       |                |                | £ 47 (7 & C7 | 100.0 | CON # C | 100    |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       | •             |             |       |              | •       |       |                |                |              |       |         |        |
|     |                | **                    |               | -           |       |              | •       |       |                | -              |              |       |         |        |
|     |                |                       |               |             | -     |              |         |       |                |                |              |       |         |        |
|     |                |                       | -             |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       | ,              |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       | ,              |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             | •     |              |         | ,     |                |                |              |       |         |        |
|     |                |                       |               |             |       |              | •       | •     |                |                |              | •     |         |        |
|     |                |                       |               |             | •     | •            | ,       |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         | ,     |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                | -              |              |       |         |        |
|     |                |                       |               |             |       |              | 4       |       |                | 4              |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       | -       |        |
|     |                |                       |               |             |       |              |         |       |                | ,              |              |       |         |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       | _       |        |
|     |                |                       |               |             |       |              |         |       |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         | •     | ,              |                |              |       |         |        |
|     |                |                       |               |             |       |              | *       | •     |                |                |              | ,     |         |        |
|     |                |                       |               |             |       |              | ,       | ,     |                | •              |              | ,     | **      |        |
|     |                |                       |               |             |       |              |         |       | •              |                |              |       |         |        |
|     |                |                       |               |             |       | ,            |         | ,     |                |                |              |       |         |        |
|     |                |                       |               |             |       |              |         |       | ,              | •              |              |       |         |        |
|     | EAN            | 77.7                  |               |             |       |              | 80.4    | 81.1  |                | 81.6           | 81.0         | 79.7  | 79.0    | 77     |
|     | S. D<br>AL OBS | 1.127<br>7 <b>7</b> 5 | 1.6635<br>707 | 773         | 770   | 1.499<br>7UK | 1.373   | 1.387 | 1.465°<br>775° | 1 • 453<br>750 | 1.643<br>787 | 1.724 | 1.669   | 2.31   |

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DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

## EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

21603 STATION

2

JUHNSTON ISLAND/PACIFIC IS

45-72

YEARS

#### WHOLE DEGREES FAHRENHEIT

| MONTH        | JAN        | FEB.  | MAR.  | APR.  | MAY   | JUN.  | JUL.  | AUG. | SEP. | ост.  | NOV. | DEC.  | ALL<br>MONTHS |
|--------------|------------|-------|-------|-------|-------|-------|-------|------|------|-------|------|-------|---------------|
| 4 )          |            |       |       | 85    | 86    | 85    | 88    | 87   | 88   | 67    | 85   | 85    |               |
| 40           | 93         | 83    | 83.   | 82.   | 85    | 84    | 86    | 87   | 87   |       | 84   | 83    | 81            |
| 47           | 82         | 82    | 83    | 85    | 85    | 86    | 86    | 8.8  | 88   | 88    | 89   | 85    | 89            |
| 411          | 85         | 86    | 86    | 87    | 68    |       | 93    | 92   | 94   | 90    | 90   | 89    |               |
| 49           | 86         | 85    | 85    | 86    | 87    | 85    | 88    | 88   | 86   | 85    | 83   | 84    | 8.6           |
| <b>5</b> .)  | 8.3        | 83    | 83    |       | 84    | 85    | 86    | 88   | 87   | 86    | 84   | 82    |               |
| 51           | າຂົ        | 85    | 84    | 85    | 86    | 88    | 88    | 87   | 90   | 89    | 87   | 85    | 90            |
| <b>5</b> 2 _ | 84         | 84    | 85    | 84    | 85    | 86    | 87    | 8.8  | 87.  | 87    | 85   | 85    | 86            |
| 53           | 84         | 82    | 84    | 83    | 85    | 85    | 86    | 87   | 87   | 86    | 85   | 83    | 87            |
| 54           | 35         | 83    | 82    | 85    | 85    | 86    | 87    | 88   | 88   | 88    | 85   | 84    | 81            |
| <b>5</b> 5 " | 83         | 83    | 82    | 82    | 83    | 84    | 85    | 86   | 86   | 88    | 86   | 85    | 81            |
| 56           | n <b>6</b> | 84    | 83    | 81    | 8.5   | 8.5   | 86    | 86   | 87   | 87    |      | 2     |               |
| 5 "          | •          |       |       |       |       |       |       |      |      |       | 88   | 84    |               |
| 5.3          | 82         | R3    | 84    | 84    | 86    | 87    | 87    | 8.8  | 87   | 88    | 86   | 83    | 8.8           |
| 6            | 83         | 84    | 82    | 84    | 85    | 86    | 88    | 88   | 88   | 88    | 86   | 85    | 81            |
| 61           | 83         | 84    | 85    | 85    | 87    | 84    | 86    | 85   | 85   | 86    | 84   | 86    | 81            |
| 6 : "        | 86         | 85    |       | 84    | 86    | 86    | 83    | 83   | 85   | 83    | 84   | 86    |               |
| 6.5          | 85         | 85    | 84    | 84    | 63    | 83    | 84    | 85   | 85   | 84    | 84   | 81    | 8             |
| 64           | 8 ≰        | 80    | 81    | 84    | 83    | 85    | 85    | 86   | 87   | 85    | 84   | 13    | 8.            |
| 6 >          | 82         | 81    | 84    | 85    | 87    | 84;   | 86    | 86   | 87   | 87    | 85   | 83    | 87            |
| <b>0</b> ĉ   | 82         | 83    | 83    | 82    | 86    | 85    | 87    | 87   | 87   | 86    | 85   | 85    | 81            |
| 67           | 83         | 82    | B 4   | 54    | 86    | 87    | 87    | 88   | 87   | 87    | 85   | 85    | 81            |
| 65           | 8 4        | 85    | 8.3   | 85    | 86    | 86    | 87    | 88   | 8.8  | 89    | 87   | 86    | 84            |
| 69           | 83         | 85    | 83    | 85    | 86    | 87    | 89    | 88   | 8.5  | 87    | 19   | 85    | 89            |
| <b>7</b> ) " | 88         | 87    | 85    | 85    | 86    | 86    | 87    | 86   | 86   | 87    | 13   | 83    | 8.            |
| 7;           | 83         | 82    | 83    | 82    | 83    | 84    | 85    | 8.5  | 85   | 85    | 84   | 83    | 8.5           |
| 72           | 82         | 82    | 83    | 84    | 83    | 84    |       |      |      | -<br> |      |       |               |
| MEAN         | 93.6       | 84.5  | 83.5  | 84.1  | 85.3  | 85.4  | 86.7  | 87.0 | 87.2 | 86.8  | 85.5 | 84.3  | 87.           |
| S D          | 1.630      | 1.016 | 1.180 | 1.412 | 1.402 | 1.221 | 1.687 |      |      | 1.607 |      | 1.626 | 1,220         |
| TOTAL OBS    | 175        | 707   | 746   | 750   | 806   | 750   | 775   | 773  | 750  | 775   | 750  | 773   | 913           |

USAF ETAC FORM 0-88-5 (OLI)

Para Sea

### EXTREME VALUES

MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

216C3 STATION

JOHNSTON ISLAND/PACIFIC IS

45-72

WHOLE DEGREES FAHRENHEIT /BASED ON LESS THAN FULL MONTHS/

| MONTH            | JAN.        | FEB.    | MAR.        | APR.         | MAY      | JUN.         | JUL.               | AUG.                                    | SEP. | ост.               | NOV.                   | DEC.                                  | ALL<br>MONTHS |
|------------------|-------------|---------|-------------|--------------|----------|--------------|--------------------|---|------|--------------------|------------------------|---------------------------------------|---------------|
| 4:               |             |         |             |              |          | 88<br>20     |                    |   |      | -                  |                        |                                       | MAX TEMP      |
| 5:               | ,           | •       | +           | 83<br>29     |          |              | 1                  |   |      |                    |                        |                                       | MAX TEMP      |
| 56               |             | •       | •           | 4 Z          |          | •            |                    | :                                       | - 1  |                    | 0 '                    |                                       | MAX TEMP      |
| 57               |             | υ       |             | - :          | ^        |              | . 0                |   |      | . 0                | 90                     |                                       | MAX TEMP      |
| ÷ = ₹            | <u>.0</u> . | 78      | 0           | Q<br>O       | 0        | 0            | · · · · ·          | , <u>.</u>                              | 0    | 12<br>12           | •                      |                                       | MAX TEMP      |
| <b>6</b>         | •           | . •     | 83<br>29    |              | <u>y</u> | <del>Y</del> | 1 <b>V</b>         | , <b>y</b> .                            |      | . • <del>• •</del> |                        |                                       | PAX TEMP      |
|                  |             |         |             |              |          |              |                    |   |      |                    |                        |                                       |               |
|                  | ·           |         | ·           |              |          | •            |                    |   |      |                    |                        |                                       |               |
| •                | ,           |         |             | 1            | -        |              |                    | ,                                       |      |                    |                        | · · · · · · · · · · · · · · · · · · · |               |
| •                |             | ,       | •           | - •          |          |              |                    |   |      |                    |                        |                                       |               |
| *                | •           |         |             |              |          | <del></del>  |                    | , •<br>!                                |      |                    |                        |                                       |               |
| •                | •           |         |             | +            |          |              |                    |   |      |                    |                        |                                       |               |
| •                | •           |         | +           | - †          |          |              | +                  | !                                       |      |                    |                        |                                       |               |
| •                | •           | • •     | * !         | +            |          |              | <u>†</u>           |   |      |                    |                        |                                       |               |
| -                |             |         |             |              |          | - <b></b>    |                    |   |      |                    |                        |                                       |               |
| MEAN .           | ٠ .         | Leroni. | <del></del> | <del>-</del> |          | <del>†</del> | alanta manaza<br>A | + +                                     |      |                    |                        |                                       |               |
| S D<br>TOTAL OBS |             | •       | :           | +            |          | 1            | 1                  | · · · - · · · · · · · · · · · · · · · · |      |                    | - · · - <del>- i</del> |                                       |               |

USAF ETAC FORM 0-88-5 (OLI)

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

### **EXTREME VALUES**

MINIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

21603 STATION

2

JUHNSTON ISLAND/PACIFIC IS 45-72

#### WHOLE DEGREES PAHRENHEIT

| MONTH<br>YEAR | JAN               | FEB.  | MAR.  | APR.        | MAY      | JUN.               | JUL.       | AUG.        | SEP.  | OCT.      | NOV.     | DEC.     | ALL<br>MONTHS |
|---------------|-------------------|-------|-------|-------------|----------|--------------------|------------|-------------|-------|-----------|----------|----------|---------------|
| 45            |                   |       |       | √6 <b>7</b> | 73       | 75                 | 75         | 75          | 75    | 74        | 73       | 71       |               |
| 46            | 7 <u>2</u>        | 7.0.  | 72.   | 68.         | 72       | 74                 | 76         | 74          | 74    | 74        | 69       | 70       | 68            |
| 47            | 70                | 71    | 73    | 73.         | 75       | 74                 | 75         | 72          | 74    | 74:       | 69<br>77 | 73       | 70            |
| 46            | 7 <u>1</u><br>763 | 69    | 70    | 70          | 74:      |                    | 72         | 73          | 71:   | 69        | 70       | 68       |               |
| 49            | √ 63              | 67    | 68    | 70<br>68    | 69       | 70                 | 71         | V70         | 72    | 69        | 69       | 68       | 63            |
| 50 -<br>5i    | 70                | 69    | 73    |             | 73       | 73                 | 73         | 74          | 75    | 75        | 75       | 70       |               |
| 5 i           | 68                | 70    | 71    | 70          | 74       | 73                 | 76         | 76          | 76    | 75.<br>74 | 75<br>75 | 70<br>72 | 66            |
| <u>57</u>     | 57                | 71    | 70    | 71          | 70<br>73 | 70                 | 74<br>75   | 73<br>75    | 73    | 73        | 71       | 72       | 67            |
| 3 3           | 72                | 71    | 72    | 72          | 73       | 75                 | 75         | 75          | 77    | 74.       | 74       | 70       | 70            |
| 54            | 68                | 70    | 69    | 72          | 73       | 75                 | 74         | 76          | 79.   | 75        | 73       | 71       | 68            |
| 55            | 69                | 69    | 68    | 70          | 71       | 72                 | 74         | 73          | 72    | 70        | 70       | 70       | 68            |
| 56            | 57                | 69    | 70    | 68          | 72       | 72                 | 74.        | 75          | 73    | 73        |          | - 1      |               |
| > ⁴           |                   |       |       |             |          |                    |            |             |       |           | 69       | 69       |               |
| 54            | 68                | 67    | 68    | 70          | 69       | 72                 | 73         | 71          | 73    | 71        | 70       | 69       | 67            |
| <b>6</b> 0    | 70                | 68    | 69    | 71          | 71       | 73                 | 72         | 74          | 72    | 70        | 73       | 70       | 58            |
| <b>6</b> ì    | 66                | 67    | 71    | 70          | 72       | 71                 | 72         | 72          | √71   | √66       | V63      | 65       | 63            |
| 62            | 65                | - 64  |       | 70          | 74       | 74                 | 76         | 76          | 75    | 75        | 73       | 71       |               |
| 63            | 71                | 71    | . 67  | 70          | 70       | 75                 | 75         | 73          | 76    | 77        | 74       | 73       | 67            |
| 64 "          | 70                | 69    | 68    | 70          | 72       | 70                 | 73         | 73          | 73    | 70        | 70       | V62      | 62            |
| 65            | 68                | 65    | 68    | 70          | 168      | √69                | <b>~70</b> | 73          | 73    | 74        | 70       | 70       | 65            |
| 66            | 68                | 68    | 70    | 7 <u>0</u>  | 73       | 75                 | 75         | 75          | 76    | 72        | 69       | 70       | 68            |
| 67            | 66                | 69    | 68    | 70          | 73       | 74                 | 74         | 75          | 73    | 73        | 70       | 65       | 65            |
| 6н "          | 49                | 69'   | 70    | 69          | 73       | 75                 | 75         | 72          | 72    | 73        | 73       | 72       | 69            |
| 6)            | 65:               | 69    | 68    | 68          | 70       | 71                 | 72         | 72          | 72    | 71        | 71       | 70       | 65            |
| 70            | 71                | 59    | 58    | 69          | 70       | 72                 | 71         | 72          | 74    | 72        | 70       | 64       | 64            |
| 71            | 68                | 70    | 67    | 71          | 70       | 71.                | 74         | 72          | 71    | 72        | 73       | 70       | 67            |
| 72            | 58                | 70    | 70    | 71          | 70       | 73                 |            | <del></del> |       |           |          |          |               |
| -             | •                 | •     | •.    | ‡           |          | - · - <del>i</del> |            |             |       |           |          | +        |               |
| MEAN          | 68.5              | 68.8  | 69.5  | 69,9        | 71.7     | 72.7               | 73.6       | 73.4        | 73.6  | 72.4      | 71.3     | 69.4     | 66,6          |
| 5. D          | 2.238             | 1.772 | 1.794 | 1.424       | 1.850    | 1.882              | 1.680      | 1.635       | 1.756 | 2.515     |          | 2.769    | 2,326         |
| TOTAL OBS     | 775               | 707   | 744   | 750         | 806      | 750                | 775        | 775         | 750   | 775       | 750      | 775      | 9132          |

USAF ETAC FORM 0-88-5 (OLI)

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DATA PROCESSING BRANCH USAF ETAC AIR HEATHER SERVICE/MAC

## **EXTREME VALUES**

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

21603 STATION

2

JUHNSTON ISLAND/PACIFIC IS

45-72

# WHOLE DEGREES FAHRENHEIT /BASED ON LESS THAN FULL MONTHS/

| MONTH      | JAN | FEB. | MAR.     | APR.     | MAY | JUN.             | JUL. | AUG.               | SEP. | ост.           | NOV.         | DEC. | ALL<br>MONTHS   |
|------------|-----|------|----------|----------|-----|------------------|------|--------------------|------|----------------|--------------|------|-----------------|
| 4          |     |      |          |          |     | 76               |      |                    |      |                |              | -    | MIN TEM         |
| <b>5</b> t | •   | •    | •        | 70       |     | . 20             |      |                    | •    | • •            | 1            |      | MIN TEH         |
| <b>5</b> ზ |     |      |          | 29 .     |     | • • • • •        |      |                    |      | ļ. i           |              |      | DAYS<br>MIN TEM |
| 57         |     |      | ,        |          | _   | · ·              | _    |                    |      |                | 77           |      | DAYS TEM        |
| 5 1        | 0   | 73   | 0, ,     | 0        | 0   | . 0              | 0_   | ,                  | 0    | 75             | 1            | 7    | DAYS            |
|            | 0   | 1    | 0        | 0        | 0   | 0                | 0    | 0                  | 0    | 12             |              |      | MIN TEM         |
| 63         |     |      | 65<br>29 | ·        |     |                  |      | :                  |      |                |              |      | MIN TEH         |
| -          |     |      | <b>-</b> |          |     | • •              |      | - !                |      |                |              |      | 9-19            |
| -          |     |      |          |          |     |                  |      |                    |      | -              | <del> </del> |      | <u> </u>        |
| -          |     |      |          |          |     | i<br>+           |      |                    |      |                |              |      | <u> </u>        |
| _          |     |      |          |          |     | · į              |      |                    |      |                |              |      |                 |
|            |     |      |          |          |     |                  |      | :                  | !    |                |              |      |                 |
| -          | •   |      | •        | •        |     | + ·              |      |                    |      | <u> </u>       |              |      | 1               |
|            | •   | •    | •        |          |     | •                |      |                    | ·    |                |              |      | <del>-</del>    |
|            | ,   |      | ,        |          |     |                  |      |                    |      | ļ ļ            | <del></del>  |      | <u> </u>        |
|            |     |      |          |          |     | •                |      |                    |      |                |              |      | <u> </u>        |
|            |     |      |          |          |     | . 1              |      | :                  |      |                | i            |      |                 |
|            | •   | *    | •        |          |     | •••• <del></del> |      |                    |      | + <del>-</del> |              |      | - <del> </del>  |
| MEAN       | *   |      |          | <b>+</b> |     | <br>             |      | Karon Lorenda<br>L | er ( | F =            |              |      | <del></del>     |
| S D.       | •   |      |          | •        |     |                  | •    | • •                |      |                |              |      | 1               |

USAF ETAC FORM 0-88-5 (OLI)

THE STATE OF THE PARTY

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

JOHNSTON ISLAND/PACIFIC IS <u>45-72</u> PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 2u 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 92/ 91 .0 19 .0 .0 19 .0 123 734 90/ 89 • 0 88/ 87 . 0 733 .0 86/ 85 5260 5261 1.1 6.0 1340613413 84/ 83 .0 •0 .0 119 30 82/ 81 . 0 2405124172 .3 5.815.3 1.0 7.710.8 5.7 4595246324 1216 190 3784638319 9692 1474 78/ 77 251202594740957 9284 75 5.7 6.1 74/ 73 1 - 1 7493 76775199534450 72/ 1352 13693424948002 . 2 . 0 257 70/ 69 2651541336336 .0 31 521918103 68/ 67 2 2139 6810 521 3486 104 1942 66/ 65 64/ 63 62/ 61 60/ 59 937 58/ 57 354 56/ 55 131 54/ 53 49 52/ 51 50/ 49 TOTAL .2 3.922.441.122.5 8.4 1.3 163656 161586 .0 .0 • 0 161642 161641 Element (X) No. Obs. 76.2 7.345 78.9 2.961 73.2 2.583 70.7 3.098 267 F 273 F 280 F 8759.88668,23633.7 8603.85567.7 26.5 12319206 12915096 11827019 161591 163656 161642 947896592 1020643774 866437417 4 0 F Total 8760 Dry Bulb 8760 Wet Bulb 808525549 161586 7787.12425.1 8760

AC FORM 0-26-5 (OLA) REVISED MEYIOUS EDITION

SAFETAC \*

### **PSYCHROMETRIC SUMMARY**

21603 JUHNSTUN ISLAND/PACIFIC IS
STATION NAME 46-72 PAGE 1 ALL HOURS IL. S. T.

| Temp.       |      |                             |              |              |              | WET            | BULB           | TEMPE        | RATU | RE DEPI   | ESSION         | (F)          |             |              |              |         |               | TOTAL       | Ţ  | TOTAL  |              |
|-------------|------|-----------------------------|--------------|--------------|--------------|----------------|----------------|--------------|------|-----------|----------------|--------------|-------------|--------------|--------------|---------|---------------|-------------|--|--|--------------|
| (F)         | 0    | 1 - 2                       | 3 - 4        | 5 - 6        | 7 - 8        | 9 - 10         | 11 - 12        | 13 - 14      | 15 - | 16 17 - 1 | 8 19 - 2       | 0 21 - 2     | 2 23 - 2    | 4 25 - 2     | 6 27 - 2     | 28 29 - | 30 ≥ 31       | D.B. W.B    | Dry Bulb   | Wet Bulb   | Dew Pai      |
| 88/ 87      |      |                             |              |              |              |                | .0             |              |      |           |                | 1            |             | T            | 1            |         | - +           | † 1         | Ĭ  | i i  | •            |
| 86/ 85      |      |                             |              |              | 1            | .0             | į.             |              | )    |           |                | 1            |             | 1            |              |         | i             | 13          | 13   |  |              |
| 84/ 83      |      |                             | <u> </u>     | • 1          | . 2          |                |                | • (          |      |           | +-             |              |             |              |              |         | -             | 90          | 90   | <del>\</del>                                     | •            |
| 82/ 81      |      | •0                          | .2           |              | 1            |                |                |              |      |           |                |              |             |              |              | 1       |               | 690         |  |  |              |
| 80/ 79      | • 0  |                             | 1.2          | 2.4          | 7.3          | 2.6            |                |              |      | 0         | +              | <del></del>  |             | +            |              | +       | $\dot{-}$     | 182         |  |  |              |
| 78/ 77      | .0   |                             | 6.0          | 11.1         | 5.6          | 1              | . 6            |              |      | o         | 1              | }            | }           | 1            | 1            | 1       |               | 3336        |  | :  |              |
| 76/ 75      | - :0 |                             |              | 13.5         |              |                |                |              |      |           | <u> </u>       |              | <del></del> | ┼—           |              |         |               | 4378        |  |  |              |
| 74/ 73      |      | 1.8                         |              |              |              |                |                |              |      |           |                |              |             |              |              | -       | -             | 1692        |  |  |              |
|             | 1    |                             |              |              |              |                |                |              | 4    |           | +-             | +-           | <b></b>     | <del></del>  | -            |         |               | 383         |  |  |              |
| 72/ 71      | • 1  | -9                          |              |              |              |                |                | 1            | }    |           | 1              | 1            | 1           |              | 1            |         | į.            |             |  |  |              |
| 70/ 69      | - 1  | . 4                         |              |              | -0           | .0             | ļ              | ļ            |      | —         | +              |              | ļ           | +            | -            |         | i             | 9           |  |  |              |
| 68/ 67      | •0   |                             |              | 1            | 1            | Į.             | }              |              | 1    |           | J              | )            | 1           | 1            | 1            |         | 1             | 1           | -) -   |  |              |
| 66/ 65      |      | •0                          | l            |              |              |                |                | L            |      |           | ↓              |              |             |              |              |         |               | 1           | 1  |  |              |
| 64/ 63      |      |                             |              | 1            |              |                |                |              |      |           |                |              |             |              | -            |         | - 1           | 1           | 1  | 17   |              |
| 62/ 61      |      |                             |              | <u></u>      | <u> </u>     | L              |                |              |      |           |                |              |             |              |              |         |               | _ <u> </u>  |  | 44   |              |
| 60/ 59      |      |                             |              |              |              | 1              |                |              |      |           |                | 1            |             | 1            |              |         | i -           |             |  | 4  |              |
| 58/ 57      |      |                             | 1_           |              |              |                |                |              |      |           | L              |              |             |              |              |         | _ i _         |             | i  | 1  | 100          |
| 36/ 55      |      |                             | !            |              |              |                |                |              |      | Ţ         |                |              |             |              |              |         |               |             |  |  | 64           |
| 54/ 53      |      |                             | 1            | 1            |              | 1              | 1              |              | 1    | i         |                | 1            | 1           |              | -            |         | İ             |             |  | i .  | 26           |
| 52/ 51      |      |                             | -            |              |              |                |                |              |      |           |                |              |             | 1            | -            |         |               |             |  | :  | ,            |
| DTAL        | . 4  | 6.8                         | 24.3         | 34.8         | 21.5         | 8.9            | 2.8            | .!           | 5 .  | 1         |                | -            |             |              |              |         |               | -           | 13136  | 9  | 12520        |
|             |      |                             |              | <del> </del> |              |                |                |              | 1    | 1         | 1-             | 1            | <del></del> | 1            | 1 -          |         |               | 12516       |  | 12518  |              |
|             |      |                             | ì            | }            |              | ĺ              |                |              |      |           |                |              |             | i            |              | ŀ       | 1             |             | 1  |  |              |
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| !           |      |                             | ĺ            |              |              |                |                | İ            |      |           |                | 1            | i           | [            | 1            | - (     |               | 1           | ĺ  | 1  | 1            |
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| Į.          |      |                             |              | 1            |              |                |                | ļ            |      |           |                | -            | İ           |              | 1            | ı       |               |             |  | İ  |              |
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|             |      | ,<br>!                      |              | i            |              |                |                |              |      |           |                | İ            |             |              |              |         |               |             |  | 1  | 1            |
|             |      | <del></del>                 | <del> </del> |              | ·            |                |                |              |      |           | +              |              | <del></del> | <del></del>  | +            |         |               |             | +  | <del>-</del>                                     | <del> </del> |
| -           |      |                             | (            |              | 1            | :              |                | 1            | 1    | 1         | 1              | 1            | ł           | 1            |              | 1       | ł             | 1           | į.   |  |              |
|             |      | L                           | <del></del>  | <b></b>      |              | ļ              | <del> </del> - |              | +    |           | +              | <del> </del> | -           |              |              |         |               |             | <del>-</del>                                     | ÷  | •            |
| i           |      |                             |              |              |              |                | 1              |              |      |           |                | 1            |             | 1            |              |         | - 1           |             | 1  | 1  |              |
|             |      |                             | <b></b>      | <b></b>      | L            | L              | L              | L            | ļ    |           | 1              |              | <del></del> |              | +            |         | <del></del> - | <del></del> | <del> </del>                                     | 4  | ·———         |
| }           |      |                             | İ            |              |              |                |                |              |      |           |                | 1            |             |              |              |         |               | 1           |  | 1  | I            |
|             |      | <u> </u>                    | <u> </u>     |              |              | <u> </u>       | <u> </u>       |              |      | 1         |                |              |             |              |              |         |               |             | 1  | <u> </u>   |              |
| Element (X) |      | Z <sub>X</sub> <sup>2</sup> |              |              | ZX           |                | X              | •            |      | No. (     |                |              |             |              | Mear         | No. of  |               | th Tempero  | ture   |  |              |
| Rel. Hum.   |      |                             | 7330         |              | 9487         |                | 75.4           |              |      | 12        | 518            | ⊴ 0          | F           | 1 32 F       |              | 67 F    | ≥ 73 F        | - 80 F      |  | F  | Total        |
| Dry Buib    |      |                             | 0810         |              | 0057         |                | 76.6           |              |      |           | 138            |              |             |              | 74           | 3.9     | 714.          | 9 98,       | 6  |  | 74           |
| Wet Bulb    |      | 6292                        | 2001         | T            | 8869         |                | 70.9           | 2.           | 397  |           | 518            |              |             |              | 69           | 8.9     | 190.          | 0           |  |  | 744          |
| Dew Point   |      |                             | 1096         |              | 8531         | 46             | 68.2           | 3.           | 355  |           | 520            | 1            |             |              |              | 6.2     | 39.           |             |  |  | 744          |

USAFETAC FORM 0.26-5 (OLA)

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVICE/MAC JOHNSTON ISLAND/PACIFIC IS 46-72 FEB ALL HOURS IL. S. T. PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 5 86/ 85 .0 • ( 84/ 83 .0 . 0 .9 2.2 1.5 4.3 5.3 2.9 714 82/ 81 · 2 707 • 0 • 0 • 0 80/ 79 1.0 .0 1713 1763 9.0 78/ 77 5.8 1.912.715.1 2688 23 2724 76/ 75 .0 4480 459 81 1856 1902 2056 606 288 288 3967 1826 5.0 4.7 74/ 73 .0 1.4 • 0 . 8 72/ 71 .7 288 . 6 . 2 70/ 69 .0 62 3146 3165 68/ 67 2 1444 2710 66/ 65 600 1646 139 64/ 63 935 62/61 30 496 279 38/ 57 IOI 56/ 55 33 54/ 53 16 50/ 49 TOTAL .2 4.724.634.722.8 9.6 2.6 12151 11922 . 6 . 0 11923 11923 Z x 897308 8.702 Mean No. of Hours with Temperature 75.3 6.702 76.5 2.427 70.6 2.522 67.9 3.449 68432894 11923 Rel. Hum. 1 32 F ≥ 67 F ≥ 73 F ≥ 80 F 4 0 F - 93 F 929629 842194 809154 12151 672.0 652.5 92.5 71194097 672 Dry Bulb 59565142 55059656 • 2 Wer Bulb 672 Dew Point 40.2 672

(OLA) REVISED MEVIOUS EDITIONS OF THIS FORM ARE

JSAFETAC FORM 0-26-5 (OL A

## **PSYCHROMETRIC SUMMARY**

| 1603        | JOHN  | STON        | ISLA     | NO/PA          | CIFI   | CIS            |            |   | 46-                          | 72          |                |  | YEARS         |          |                |             |        | M             | AR    |
|-------------|-------|-------------|----------|----------------|--|----------------|------------|---|------------------------------|-------------|----------------|--|---------------|----------|----------------|-------------|--------|---------------|-------|
| STATION     |       |             |          | STATION P      | IAME   |                |            |   |                              |             |                |  | YE ARS        |          |                | PAG         | E 1    | _             | LL    |
| Temp.       |       |             |          |                |  |                |            |   | E DEPRES                     |             |                |  |               |          |                | TOTAL       |        | TOTAL         |       |
| (F)         | 0 1 - | 2 3         | 4 5 - 6  | 7 - 8          | 9 - 10   |                |            |   | 17 - 18                      | 19 - 20 2   | 1 - 22 2       | 3 - 24 25  | - 26 27       | - 28 29  | 30 ≥ 31        | D.B. W.B.   |        | Wet Bulb      | Dew P |
| 86/ 85      | į     | 1           |          | •9             |  |                | •0         |   | 1 !                          |             | İ              |  | 1             |          |                | 7           | 7      |               |       |
| 84/ 83      |       |             | •0       |                |  |                | •0         |   | 1                            |             |                |  |               |          |                | 164         |        |               |       |
| 82/ 81      | l     |             | .2 1.    |                |  |                | • 0        | 1 | 1 1                          |             |                |  |               | i        |                | 937         |        |               |       |
| 80/ 79      |       | •0 <u>1</u> | .1 4.    | 7 6.0          | 1.9  | .6             | • 1        |   | i                            |             |                |  |               |          |                |             | 1956   |               |       |
| 78/ 77      |       |             | .610.    |                | 1.0  | .6             | •0         |   |                              |             |                |  |               |          |                | 3120        |        |               |       |
| 76/ 75      |       | _           | .316.    |                | 1.3  |                | •0         | ļ | ++                           |             | -+             |  |               |          |                | 4999        |        |               |       |
| 72/ 71      |       |             | .B 4.    | "   "   "      |  |                |            |   | 1                            |             |                |  |               | i        |                | 380         |        | 2750<br>4854  |       |
| 70/ 69      |       | • l         | .2 .     | _              |  |                |            |   | 1                            |             |                | -+   | -             | -        | <del></del>    | 54          |        | 3107          |       |
| 68/ 67      |       |             |          | -1 '           | 1  | 7              |            |   |                              |             |                |  |               | į        |                | 7           |        | 1299          |       |
| 66/ 65      |       | •           | •        | <del></del>    |  | 1              |            |   | <del> </del>                 |             | -              |  |               |          |                |             |        |               | 132   |
| 64/ 63      |       |             |          |                |  |                |            |   |                              |             | - 1            | İ  |               | - 1      |                |             |        | 138           |       |
| 62/ 61      |       | _           |          | 1              | <del> </del>                                     | 1              |            |   | 1                            |             |                |  | -             |          |                |             |        | 25            |       |
| 60/ 59      |       |             |          |                |  | }              |            |   |                              |             |                | į  | 1             |          |                |             |        | 1.            | 2     |
| 58/ 57      |       |             |          | 1              | $\vdash$   |                |            |   |                              |             |                |  |               |          |                |             |        | =.            |       |
| 56/ 55      | i     |             |          | İ              |  |                |            |   | ] [                          |             |                | İ  |               | į.       |                | i           |        |               |       |
| 54/ 53      |       |             |          |                |  |                |            |   |                              |             |                |  |               |          |                | 1           |        |               |       |
| UTAL        | . 2 4 | . 725       | .837.    | 321.5          | 6.5  | 1.9            | . 2        |   |                              |             |                |  |               |          |                |             | 13610  |               | 1356  |
| :           |       |             | :        |                | 1  |                |            |   |                              |             |                |  |               | İ        | 1              | 13594       |        | 13594         |       |
|             | +     |             |          |                | ļ  | İ              |            |   | $\downarrow \longrightarrow$ |             |                |  |               | _ i      |                |             |        |               |       |
|             |       |             |          | i              | -  | !              |            |   | 1 1                          |             |                | -  |               | ŀ        |                |             |        |               |       |
|             |       |             |          |                | <u> </u>   | ļ              |            |   | $\longrightarrow$            |             |                |  |               |          |                | ļ           |        |               |       |
|             | - 1   | 1           |          | ļ              |  | '              |            |   |                              |             |                |  | İ             | -        |                |             |        |               |       |
|             |       | +           | <u> </u> | <del>-  </del> | +  |                |            |   | +-+                          |             |                |  | _             |          |                | <del></del> |        |               |       |
|             |       |             |          | :              | i  | '              |            |   | 1                            |             |                |  | ļ             |          | 1              |             |        |               |       |
|             |       | -+-         |          | -+             | <del> </del>                                     |                |            |   | +                            |             |                |  |               | -        | <del>- i</del> | -           |        |               |       |
|             | 1     |             | i        |                | i  |                |            | 1 |                              | 1           |                |  | Į             |          |                |             |        |               |       |
| <del></del> |       | +           | +        | <del> </del>   | <del>-</del>                                     | <del>i -</del> |            |   | +                            |             |                | -+   | -             |          |                | +           | ļ      | •             |       |
|             | -     | 1           |          |                |  |                |            |   |                              |             |                |  | Ì             | 1        |                |             |        |               |       |
| +           |       | - 1         |          | +              |  | <del>   </del> |            |   |                              | -+          | <del>- +</del> |  |               |          |                | +           | i      |               |       |
| 1           |       | i           | - 1      |                |  | 1              |            |   |                              |             |                |  |               |          |                |             | l      | :             |       |
|             |       | +-          | 1        | +              | <u> </u>   |                |            |   | +                            | <del></del> |                | _  | $\dashv$      | +        | -+             | 1 1         |        | <del></del> + |       |
|             |       | -           | i        | ŀ              |  | l i            |            |   |                              |             |                |  |               |          |                | }           | !      | ļ             |       |
| lement (X)  | Z X,  |             |          | ZX             | <del>*                                    </del> | ¥              | <b>€</b> K |   | No. Obs                      | .           |                |  | Ме            | an No. a | f Hours wit    | th Temperat | ure    |               |       |
| lel. Hum.   |       | 1711        | 85       | 10307          | 63   | 76.0           |            |   | 1357                         |             | ± 0 F          | : 32   | $\overline{}$ | ≥ 67 F   | ≥ 73 F         | ≥ 80 F      | - 93 1 | : 1           | otal  |
| Dry Bulb    |       | 0053        |          | 10425          |  | 76.6           |            |   | 136                          |             |                | <del>                                     </del> |               |          |                | 114.        |        |               | 7/    |
| Wet Bulb    |       | 5189        |          | 964            |  | 71.0           |            |   | 1359                         |             |                |  |               | 00.3     |                |             | 1      |               | 74    |
|             |       | 4527        |          | 926            | <del>- 7 </del>                                  | 68.3           |            |   | 1350                         |             |                | -+   |               | 73.4     | 50.            |             | +      | $\rightarrow$ | 74    |

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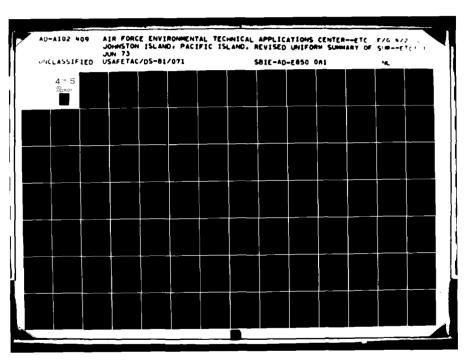
#### PSYCHROMETRIC SUMMARY

APR

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 - 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B. W.B. Dry Bulb Wer Bulb Dew Poin 88/ 87 . 0 11 86/ 85 84/ 83 353 1.2 350 1380 82/ 81 1365 2389 2439 4141 4213 6.6 .0 2.3 7.0 80/ 1.4 . 0 .0 .8 9.515.4 4.2 .0 2.112.513.9 2.1 78/ 77 76/ 75 33 ì58 4304 1350 210 978 3986 1370 4211 955 74/ 73 1.5 3.6 1.2 .6 72/ 71 . 1 142 143 5189 3392 70/ 69 22 2464 4543 2 357 2931 20 68/ 67 66/ 65 82 774 64/ 63 26 224 62/ 61 81 60/ 59 58/ 57 35 20 56/ 55 6 54/ 53 .2 5.228.640.019.0 6.0 .9 13884 13623 13625 13625 Element (X) No. Obs. Mean No. of Hours with Temperature 77.3 7.250 77.5 2.465 72.1 2.024 1053460 13624 720.0 711.3 155.0 714.1 290.9 82173694 Rel. Hum 83391621 1075471 Dry Bulb 13884 70842675 982075 13623 720 Wet Bulb 66202769 69.7 2.528 659.5 85.2 949049 720 13623 Dew Point

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AC FORM 0.26-5 (OLA) REVISED MEYIOUS EDIT



DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 21603 JOHNSTON ISLAND/PACIFIC IS

## **PSYCHROMETRIC SUMMARY**

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|             |     |                         |       |       |                       |        |          |   |            |     |          |          |              |   |         |      |         |         |          | PAG        | E 1      | HOURS                | L. S. T. |
|-------------|-----|-------------------------|-------|-------|-----------------------|--------|----------|---|------------|-----|----------|----------|--------------|---|---------|------|---------|---------|----------|------------|----------|----------------------|----------|
| Temp.       |     |                         |       |       |                       |        |          |   |            |     |          | ESSION   |              |   |         |      |         |         |          | TOTAL      |          | TOTAL                |          |
| (F)         | 0   | 1 - 2                   | 3 - 4 | 5 - 6 | 7 - 8                 | 9 - 10 | 11 - 1   | 2 13  | - 14       |     |          | B 19 - 2 | 0 21 - :     | 22 23 -   | 24 25   | - 26 | 27 - 28 | 29 - 30 | ≥ 31     | D.B. W.B.  | Dry Bulb | Wet Bulb             | Dew Po   |
| 88/ 87      |     |                         |       |       | .0                    |        |          | 1   | •0         | . ( | )        |          |              |   |         |      |         |         |          | 27         | 27       |                      |          |
| 86/ 85      |     |                         | .0    |       | . 2                   |        |          |   | .0         |     |          |          |              | .   |         |      |         | l       | i .      | 201        |          |                      |          |
| 84/ 83      | į   | • 0                     | - 1   |       |                       | 2.6    |          |   | Ī          | • ( | )        |          | Ī            |   | T       |      |         |         | 1        | 894        |          |                      |          |
| 82/ 81      |     | • 0                     |       |       |                       |        |          |   | -0         |     | <u> </u> |          | _            |   |         | 1    |         | Ì       | -        |            | 2144     |                      | 2        |
| 80/ 79      | 1   | • 1                     |       | 12.0  |                       |        |          | 0   |            |     | 1        | 1        |              |   |         |      |         |         |          |            | 3364     |                      |          |
| 78/ 77      | ٠.0 |                         |       | 18.3  |                       | -1     |          | 1   | ¦          |     |          |          |              |   |         |      |         |         |          | 5211       |          |                      | 6        |
| 76/ 75      | • 0 | 1.5                     |       |       | .5                    |        | )        | 1   | - 1        |     | 1        |          | -            |   |         | ı    |         |         |          | 2113       |          |                      |          |
| 74/ 73      | . 1 | .6                      |       |       | .0                    | l      | L.       |   |            |     |          | <u> </u> |              |   |         |      |         |         |          | 228        | 232      |                      | 223      |
| 72/ 71      | - 1 | .1                      | .0    |       |                       |        | İ        |   | 1          |     |          | 1        | ĺ            |   |         | - 1  |         |         |          | 24         | 24       |                      |          |
| 70/69       | .0  |                         |       |       |                       |        | ــــــ   | _   |            |     |          |          |              |   |         |      |         |         |          | 1          | 1        |                      | 438      |
| 68/ 67      | .0  |                         |       |       |                       |        |          |   |            |     |          |          |              |   |         | T    |         |         |          | 1          | 1        | 53                   | 168      |
| 66/ 65      |     |                         |       |       |                       |        |          | ↓   |            |     |          |          |              |   |         |      |         |         |          | L          |          |                      | 23       |
| 64/ 63      |     |                         |       |       |                       | }      | 1        |   | - 1        |     |          |          |              |   | Ì       |      |         |         |          |            |          | 1                    | 4        |
| 62/61       |     |                         |       |       |                       |        | <u> </u> | 1   |            |     | 1        |          |              |   |         |      |         |         |          |            |          | ļ<br>                | 1.       |
| 60/ 59      | _   |                         | L     |       |                       | ١.,    |          | _   | _[         | _   |          | 1        | 1            |   |         | Í    |         | 1       | 1        | !          |          |                      |          |
| DTAL        | . Z | 3.8                     | 26.1  | 41.7  | 20.6                  | 0.6    | •        | 9   | •0         |     | <u> </u> |          |              | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |         |      |         |         |          |            | 14369    |                      | 1413     |
| 1           | į   |                         |       |       |                       |        |          | 1   | - 1        |     |          | 1        |              |   |         |      |         |         |          | 14131      |          | 14131                |          |
|             |     |                         |       |       |                       |        | 1        |   |            |     | <u> </u> |          |              |   | _ _     |      |         |         | <u> </u> |            |          |                      |          |
|             |     |                         |       |       |                       |        |          |   |            |     | 1        |          |              |   |         | ]    |         |         |          |            |          |                      |          |
|             |     |                         |       |       |                       |        | ļ        | $\perp$   |            |     |          |          |              |   |         |      |         |         |          |            |          |                      |          |
| 1           |     |                         |       |       |                       |        |          | 1   |            |     | 1        | 1        |              |   |         |      |         |         |          |            |          |                      |          |
|             |     |                         |       |       |                       |        |          | $\bot$  |            |     |          | ļ.,      |              |   | $\bot$  |      |         |         | L        |            |          |                      | 1        |
| 1           | 1   |                         |       |       |                       |        |          | !   |            |     |          |          |              | 1   |         |      |         |         |          |            |          |                      | 1        |
|             |     |                         |       |       |                       |        |          | 1   |            |     | <u> </u> | 1        |              |   |         |      |         |         | <u> </u> |            |          |                      | 1        |
|             |     |                         |       |       |                       |        |          | İ   | -          |     |          |          | 1            |   |         | - 1  |         |         |          |            |          |                      |          |
|             |     |                         |       |       |                       |        |          |   | $\perp$    |     |          |          |              |   |         |      |         |         | <u> </u> |            |          |                      |          |
|             |     |                         |       |       |                       |        | Ì        | 1   |            |     | 1        | !        |              | - [   |         |      |         |         |          | !          | į        |                      |          |
|             |     |                         |       |       |                       |        |          |   |            |     |          |          |              | 1   | $\perp$ |      |         |         |          |            |          |                      |          |
| İ           |     |                         |       |       |                       |        |          | İ   | Γ          |     |          |          |              |   |         |      |         |         |          |            |          |                      |          |
|             |     |                         |       |       |                       |        |          |   |            |     |          |          |              |   |         | 1    |         |         |          |            |          |                      | <u>L</u> |
| į           |     |                         |       | l i   |                       |        |          |   |            |     | 1        |          |              |   |         | T    |         |         |          |            |          |                      |          |
|             |     |                         |       |       |                       |        | L        |   |            |     | ļ        | 1        | L            |   | $\perp$ |      |         |         |          |            |          |                      |          |
|             |     |                         |       |       |                       |        | -        |   |            |     | [        | _        |              |   |         | Ī    |         |         |          |            |          |                      |          |
|             |     | Σχ?                     |       |       | <u> </u>              |        | <u> </u> | +   |            |     | No. O    |          | <u> </u>     |   |         |      |         |         | L        | <u> </u>   |          |                      |          |
| Element (X) |     | <del>2 x.</del><br>8453 | 4840  |       | Z X<br>0 <b>8 8 5</b> | 0.0    | 77.      | 0 4   | ″ <u>x</u> | -   | 14       |          | <del> </del> |   |         |      |         |         |          | h Temperat |          |                      |          |
| Ory Bulb    |     | 8912                    |       |       | 1310                  | 15     | 78.      | ¥ 9   | 44         | -   |          | 369      | +=           | D F   | ± 32    | ( P  | ≥ 67    |         | 73 F     | 250.       | ≥ 93 [   |                      | Total    |
| Wet Bulb    |     | <del>757</del> 1        |       | 1     | 0340                  |        | 73.      | <del>'                                     </del> | 70         | 3-  | 14       |          | -            |   |         |      |         |         | 80.3     |            | _        |                      | 74       |
| Dew Point   |     |                         | 4907  |       | 2000                  |        | 70.      | <u> </u>  | • ( )      | -   | 14       |          | <del> </del> |   |         |      | 799     | • U 9   | 49,5     |            |          | $-\!\!+\!\!-\!\!\!-$ | 74       |

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|-------------|-----|------------------|----------|--------------|--------------|-------|--------------|------------|-------|--|---------|-------|---------|--|--------------|-----------------|-------------|--------------|----------|----------------|--------------|
|             |     |                  |          |              |              |       |              |            |       |  |         |       |         |  |              |                 |             | PAG          | E 1      | HOURS          | L L . S. T.  |
| Temp.       |     |                  |          |              |              | WET   | BULB         | TEMPER     | ATURI | DEPRESS  | SION (F | ·)    |         |  |              |                 |             | TOTAL        |          | TOTAL          |              |
| (F)         | 0   | 1 - 2            | 3 - 4    | 5 - 6        | 7 - 8        |       |              |            |       | 17 - 18 1  |         |       | 23 - 24 | 25 - 2   | 6 27 - 2     | 8 29 -          | 30 + 31     |              | Dry Bulb |                | Dew Po       |
| 88/ 87      |     |                  |          |              | .0           |       |              |            |       |  |         |       |         |  |              |                 |             | 65           |          |                | :            |
| 86/ 85      |     | i                |          | • 1          |              |       |              |            |       |  |         |       |         | l  | 1            |                 |             | 374          |          |                |              |
| 84/ 83      |     | •0               | .1       | 1.2          |              | 3.4   | .4           |            |       | <del>                                     </del> | -       |       |         |  | † —          |                 |             |              | 1785     |                | · -          |
| 82/ 81      |     | .0               | 1.1      | 5.4          | 9.7          | 1.9   | ·i           |            |       |  | - 1     |       |         |  |              |                 | ļ           | 2476         |          |                |              |
| 80/ 79      |     | •2               | 6.1      | 20.2         | 6.4          | • • 2 | •            | -          |       | <del>  -</del>                                   | - +     |       |         |  | 1            | +               |             |              | 4512     |                |              |
| 78/ 77      | • 0 | . 8              | 9.5      | 16.5         | 1.8          | .0    |              |            |       |  |         |       |         |  | 1            |                 |             |              | 3935     |                |              |
| 76/ 75      | •0  |                  | 1.8      | .7           |              |       | <del> </del> |            |       | +  | -       |       |         |  | <del> </del> | +               |             | 447          |          |                |              |
| 74/ 73      | .0  |                  |          | •            |              | Ī     |              |            |       |  |         |       |         |  |              | 1               |             | 47           |          |                |              |
| 72/ 71      | ••  | •0               |          |              |              |       | <del></del>  |            |       | ++   | -       |       |         |  | +            | +               | +           | +            |          | 2254           | 271          |
| 70/ 69      | • • | ••               |          |              |              |       |              |            |       |  |         |       |         |  |              |                 |             | "            |          |                | 367          |
| 68/ 67      |     |                  |          | -            |              |       |              |            |       | +  | -+      |       |         |  | +            |                 | <del></del> | <del></del>  |          | 100            |              |
| 66/ 65      |     |                  |          | ļ            |              | 1     |              |            |       |  |         |       |         |  |              |                 |             |              |          | !              | 66           |
| 64/ 63      |     |                  |          | <del> </del> |              |       | <b>—</b>     |            |       | ++   |         |       |         | -  | +            | +               | <del></del> | <del>-</del> |          | ·              | 6            |
| OTAL        |     | 2 1              |          | 44           | 24 4         |       | 1.2          |            |       |  | 1       |       |         |  |              |                 |             |              | 13692    |                | 1358         |
| UIAL        | • 1 | 201              | 10.7     | 44.1         | 27.7         | 7.3   | 1.2          | • 1        |       | +  | +       |       |         |  | <del> </del> | +               |             |              |          |                |              |
| i           |     |                  | }        | 1            | Ì            | 1     | )            |            |       | 1  |         |       |         | 1  |              |                 |             | 13588        |          | 13588          |              |
|             |     |                  | <u> </u> | <b>├</b>     | -            |       | ļ            |            |       | <del> </del>                                     |         |       |         |  | ļ            | -               |             | <b>↓</b>     |          |                | •            |
|             |     |                  | ļ        | ł            |              |       |              |            |       |  |         |       |         | 1  |              |                 |             |              |          |                | i            |
| <del></del> |     |                  |          | <del></del>  | -            |       |              |            |       | <del> </del>                                     | +       |       |         |  |              | -               |             | <u> </u>     |          | <b></b>        | <del>-</del> |
|             |     |                  | i        | 1            | 1            |       | ļ            |            |       |  | - 1     |       |         |  | 1            | İ               |             |              |          |                | i            |
|             |     |                  |          | <b>↓</b>     |              |       | <b> </b>     |            |       | <del>↓</del>                                     |         |       |         |  | 1-           |                 |             | <b>-</b>     |          | ·              | -            |
|             |     |                  |          |              |              |       |              |            |       |  |         |       |         | ł  |              |                 |             |              |          |                |              |
|             |     |                  | <b></b>  | -            | ļ            |       | ļ            |            |       | <del>}</del> -                                   |         |       |         | —  |              |                 |             | <b>↓</b>     |          | <b></b>        | -            |
|             |     |                  |          | ĺ            | ļ            |       |              |            |       |  |         |       |         | i  |              |                 |             |              |          |                | ĺ            |
|             |     |                  | i        |              | ļ            |       | ļ            |            |       |  |         |       |         | <del>                                       </del> | ļ            |                 |             |              |          |                | <b> </b>     |
|             |     |                  | i        | l            |              |       | l            |            |       |  |         |       |         |  |              |                 |             |              |          |                | [            |
|             |     |                  | <u> </u> |              |              |       |              |            |       |  |         |       |         |  | <u> </u>     | ┷               |             |              |          |                | 1            |
| 1           |     |                  |          |              | ļ            |       | 1            |            |       |  |         |       |         |  | 1            | 1               |             |              |          |                | ļ            |
|             |     |                  | -        |              | ļ            |       | L            | ļ          |       | <b>_</b>   |         |       |         |  | _            | 1               |             | ļ            |          | ļ              |              |
| j           |     |                  |          |              |              | -     |              |            |       |  |         |       |         |  |              |                 | 1           |              |          |                |              |
|             |     |                  | ļ        | ļ            |              |       | ļ            |            |       |  |         |       |         |  | ↓            | 1               |             | L            |          | ļ <sup> </sup> |              |
|             |     |                  |          |              |              |       |              |            |       | 1  | 1       |       |         |  |              |                 |             |              |          | 1              |              |
|             |     |                  |          | ļ <u>.</u> . |              |       |              |            |       | 1  |         |       |         |  |              |                 |             |              |          |                |              |
|             |     |                  |          | 1            |              |       |              |            |       |  |         | ļ     |         |  |              | 1               |             | !            |          | 7              |              |
| Element (X) |     | Σχ²              |          |              | ZX           |       | X            | <b>"</b> , | 1     | No. Obs.   |         | l     | -       |  | Mass         | No              | l Maura . 3 | h Tempero    |          |                |              |
| Rel. Hum.   |     | <del>78</del> 43 | 1981     | 1            | 0284         | 28    | 75.7         |            |       | 1358   | 7       | ± 0 f | : [ .   | 32 F   |              |                 |             | > 80 F       | 2 93 1   | -              | Total        |
| Dry Bulb    |     | 8741             |          | + +          | 0284         | 4.0   | 79.9         | 9.3        | 40    | 1369   |         | 2 0 1 | -+-     | = 34 F   |              |                 |             | 352.         |          |                | 72           |
| Vet Bulb    |     | <del>7424</del>  |          |              | 0041         |       | 73.9         |            |       | 1358   |         |       | +-      |  | 146          | <del>ו X</del>  | 1070        | 7920         |          | -+-            | - 12         |
| Dew Point   |     | 6929             |          | 1 4          | 9699         | -     |              |            |       | 1358   | 4       |       | +-      |  | 146          | <del>*• *</del> | 591.1       | •            |          |                | 72           |
| DEM LOIUL   |     | ロフムブ             | Z = 3 U  | 1            | 7077         | T     | 71.4         | 1.7        | D fi  | 1936   |         |       | ı       |  | 1 71         | D . /           | 169.6       | 34 a         | ZI.      | 1              | 72           |

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 21603 STATION JOHNSTON ISLAND/PACIFIC IS 45-71 WET BULB TEMPERATURE DEPRESSION (F) (F) 92/ 91 .0 .0 .0

#### **PSYCHROMETRIC SUMMARY**

JUL

HOURS (L. S. T.) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 5 5 .1 .6 2.0 .0 .3 2.0 7.6 1 .0 1.5 8.0 8.4 1 .3 9.525.3 5.6 .7 5.5 9.5 90/89 120 • 2 120 86/ 85 84/ 83 820 820 2131 2131 82/ 81 2711 2711 5748 5748 213 41 2347 2347 1341 227 184 184 5500 1132 15 15 5632 4283 80/ 79 78/ 77 .0 76/ 75 74/ 73 72/ 71 1363 5361 70/ 69 36 2688 361 66/ 65 TUTAL .0 1.617.445.624.8 9.8 14113 14115 14115 14115 Element (X) No. Obs. 81442266 91720801 78494725 1068530 1137325 1052327 75.7 6.258 80.6 2.383 74.6 1.678 72.1 1.979 14115 14115 14115 14115 Rel. Hum. ≥ 67 F = 73 F = 80 F = 93 F 744.0 744.0 467.0 744.0 670.2 5.6 743.3 300.0 744 744 Dry Bulb Wet Bulb 73375840 744 Dew Point

9 0.26-5

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JOHNSTON ISLAND/PACIFIC IS

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21603

#### **PSYCHROMETRIC SUMMARY**

STATION STATION NAME PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 92/ 91 90/ 89 .0 .0 .0 10 10 59 • 0 59 88/ 87 86/ 85 • 1 .3 3.5 137 137 1350 1350 2207 2207 .01 .7 3.0 8.6 .1 2.512.7 7.1 .811.025.8 3.8 .3 .1 .1 .0 .0 84/ 83 3225 3225 5859 5860 82/ 81 80/ 79 325 1082 1082 78/ 77 394 76/ 75 74/ 73 164 6953 1862 22 4133 5564 164 22 72/ 71 70/ 69 68/ 67 470 4692 16 1424 108 66/ 65 .1 3.017.445.223.7 9.7 14116 14116 14115 14115 76.2 6.627 81.1 2.389 75.2 1.603 No. Obs. Element (X) Mean No. of Hours with Temperature 82598213 1075697 14115 267 F - 73 F - 80 F - 93 F 744.0 744.0 569.0 744.0 710.4 0.7 743.0 413.5 1.7 Rel. Hum. 1145109 744 92973379 14116 Dry Bulb 744 79828541 14113 Wet Bulb 74833662 72.8 1.910 1027436 744 Dew Paint

45-71

0.26-5

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## **PSYCHROMETRIC SUMMARY**

| 1603      | 70  | HNS T                               | ON I     |              |  |  | IC IS        |  |              | 45-7   | 1            |         |             | _       |                |         |  |              |             |              | EP       |
|-----------|-----|-------------------------------------|----------|--------------|--|--|--------------|--|--------------|--|--------------|---------|-------------|---------|----------------|---------|--|--------------|-------------|--------------|----------|
| STATION   |     |                                     |          | 51           | TATION N   | AME  |              |  |              |  |              |         |             | YE      | ARS            |         |  | 240          |             |              | NTH<br>  |
|           |     |                                     |          |              |  |  |              |  |              |  |              |         |             |         |                |         |  | PAG          | t I         | HOURS        | L. S. T. |
| Temp.     |     |                                     |          |              |  |  |              |  |              | DEPRES   |              |         |             |         |                |         | ,  | TOTAL        |             | TOTAL        | ,        |
| (F)       | 0   | 1 - 2                               | 3 - 4    | 5 - 6        | 7 - 8  | 9 - 10   | 11 - 12      |  |              | 17 - 18  | 19 - 20      | 21 - 22 | 23 - 24     | 25 - 26 | 27 - 28        | 29 - 30 | > 31   | D.B. W.B.    | Dry Bulb    | Wer Bulb     | Dew P    |
| 92/ 91    |     |                                     |          |              | .0   | . (  | J,           | .0   |              | ) )  | 1            |         | j           |         |                |         |  | 20           | 20          | j            |          |
| 88/ 87    |     |                                     |          | •0           |  |  |              | .0   |              | ++   |              |         |             |         |                |         |  | 244          |             |              |          |
| 86/ 85    |     | i l                                 | .0       |              | i  |  |              | .0   |              |  | ĺ            | 1       | ĺ           |         |                |         | 1  | 1278         |             |              | 1        |
| 84/ 83    |     | •0                                  | . 2      | 3.1          | 9.2  |  |              |  |              | 1  |              |         |             |         |                |         |  |              | 2199        |              |          |
| 82/ 81    |     | • 1                                 |          | 13.5         |  |  |              |  |              | <del>                                     </del> | ↓            |         |             |         |                |         | L  | 3293         |             |              |          |
| 80/ 79    | _   | . 4                                 |          | 26.0         |  |  | •            | ] !  |              | ] [  | Ì            |         | Į           | 1       |                |         |  |              | 5391        |              |          |
| 78/ 77    | - 0 | .9                                  |          | 3,4          | .3   |  | ┼            |  |              | ┼──┼   |              |         |             |         |                |         |  | 1096         | 1101        |              |          |
| 74/ 73    | .0  | , o                                 |          |              |  | 1  |              | [  |              | 1 1  | ļ            | ľ       | Ì           |         |                |         |  | 7            | 7           | <b></b> .    |          |
| 72/ 71    |     | •0                                  |          | <del> </del> |  | <del>                                     </del> | 1            |  |              | <del>                                     </del> |              |         |             |         |                |         |  | 1            | <u>i</u>    | 469          | 494      |
| 70/ 69    |     |                                     |          | L            |  | <u> </u>   | <u></u>      |  |              | $\perp \perp \perp$                              |              |         |             |         |                |         | <u> </u>   |              |             | 51           | 126      |
| 68/ 67    |     |                                     |          | ]            |  |  |              |  |              | I = T  |              |         |             |         |                |         |  | }            |             | 1            | 12       |
| 66/ 65    |     |                                     |          |              |  | <del> </del>                                     | <del> </del> |  |              | <del>{</del> -}                                  |              |         |             |         |                |         | <del></del>                                      |              |             | <del></del>  |          |
| UTAL      | _ 1 | 1.8                                 | 15.0     | 46.5         | 25.1   | 10.4   | ь.           | .1   |              |  | }            |         | 1           |         |                |         |  |              | 13666       |              | 136      |
| J. 72     |     |                                     |          | 1            |  |  | 7            | 1  |              | <del> </del> +                                   |              |         | +           |         |                |         |  | 13654        |             | 13654        |          |
|           |     |                                     |          | ļ            |  |  |              | ) !  |              | j  |              |         |             |         |                |         |  |              |             |              | İ        |
|           |     |                                     |          |              |  |  |              |  |              |  |              |         |             |         |                |         |  |              |             |              |          |
|           |     |                                     |          |              | L  | -  |              |  |              | -  |              |         |             |         |                |         |  |              |             |              | <u> </u> |
| 1         | :   |                                     |          |              | }  |  |              |  |              | 1 1  | l            |         | į           |         |                |         |  |              |             | }            | )        |
|           |     |                                     |          | <del> </del> |  | <del> </del>                                     | <del> </del> | <del> </del>                                     | <del> </del> | <del>  </del>                                    |              |         | -+          |         |                |         |  | <del> </del> |             |              |          |
|           |     |                                     | ļ        |              |  |  |              |  |              |  | į            |         |             |         |                |         | 1  |              |             | ĺ            | [        |
|           |     |                                     | <u> </u> | <u> </u>     |  | 1  |              | <del>                                     </del> |              |  |              |         |             |         |                |         | <del> </del>                                     |              |             |              |          |
|           |     | Li                                  | L        |              |  |  | ļ            |  |              | 1  |              |         |             |         |                |         | L  |              |             |              |          |
|           |     |                                     |          |              | }  |  |              |  |              |  | J            |         | Ţ           |         |                |         | _  |              |             |              |          |
|           |     |                                     |          |              |  | <del> </del>                                     | <u> </u>     | <del> </del> -                                   | ļ            | <del>↓</del>                                     |              |         |             |         | $\vdash$       |         |  | <b> </b>     |             | <del> </del> | <u> </u> |
|           | ,   | i                                   |          |              |  |  |              | [  |              |  | ĺ            | ĺ       | İ           |         |                |         | 1  |              |             | Í            | Ì        |
| +         |     |                                     |          | $\vdash$     | <del>                                     </del> | +  | <del> </del> | <del>                                     </del> |              | +-+  |              |         |             |         |                |         | <del>                                     </del> | <del> </del> |             |              |          |
|           |     |                                     |          |              | l  |  |              |  |              | 1 1  |              |         | ļ           |         |                |         | 1  |              |             | }            | }        |
|           |     |                                     |          |              |  |  |              | ]  |              | 1 -  |              |         |             |         |                |         |  |              |             |              |          |
| (6)       |     | 7                                   | L        |              | *  | 1  | <u> </u>     |  | L            | No. Obs  | <del> </del> | 1       | 1           |         | Maga **        | 4 **    | 1  | <u> </u>     |             |              |          |
| Rel. Hum  |     | Z <sub>X</sub> <sup>2</sup><br>7844 | 7944     |              | 2 x<br>0304                                      | 66   | 75.4         | 6.3  |              | 1363   |              | ± 0 F   |             | 32 F    | Mean N<br>≥ 67 |         | 73 F   | h Temperat   | ure<br>≥ 93 | F            | Total    |
| Dry Bulb  |     | 9018                                |          | 1            | 1096   | 94   |              | 2.3  |              | 1366   |              |         | -+-         |         |                |         |  | 560.         |             |              | 7        |
| Wet Buib  |     | 7704                                | 8114     | 1            | 0254   |  | 75.1         | 1.3  |              | 136  | 14           |         | $\top$      |         |                |         | 72,2   |              |             |              | 72       |
| Dew Point |     | 7196                                | 8276     |              | 9901   |  | 72.6         |  |              | 1361   |              |         | $\neg \neg$ |         | 717            |         | 12.1   |              | Š           |              | 71       |

FORM 0-26-5 (OLA) REVISED MEVIOUS EDITIONS OF THE

JSAFETAC FORM A

21603 JOHNSTON ISLAND/PACIFIC IS 45-71

## **PSYCHROMETRIC SUMMARY**

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| STATION     | . = |       |              | 5            | TATION N     | AME  |              |            |                |   |                   |             |  | Ye      | AR5               |          |                |          |              |           | IONTH             |
|-------------|-----|-------|--------------|--------------|--------------|--|--------------|------------|----------------|---|-------------------|-------------|--|---------|-------------------|----------|----------------|----------|--------------|-----------|-------------------|
|             |     |       |              |              |              |  |              |            |                |   |                   |             |  |         |                   |          |                | PA       | GE 1         | HOURS     | ALL<br>(L. S. T.) |
| Temp.       |     |       |              |              |              | WET  | BULB 1       | EMPER      | ATUR           | E DEPRES                                | SION /            | F)          |  |         |                   |          |                | TOTAL    | 1            | TOTAL     |                   |
| (F)         | 0   | 1 - 2 | 3 - 4        | 5 - 6        | 7.8          | 9 - 10   | 11 - 12      | 13 - 14    | 15 . 14        | 6 17 - 18                               | 19 - 20           | 21 - 22     | 23 . 24  | 25 26   | 27 . 28           | 20 . 20  | 2 21           | D.B. W.E | Dr. Bul      | LTwas But | h Daw Po          |
| 90/89       |     |       |              | 3.0          | 7.0          | •0   |              |            |                | 7 - 10                                  | 17 - 20           | 21 - 24     | 23.24  | 23 - 20 | 27 - 20           | 27 . 30  |                |          | 9            | -         | -                 |
|             |     |       |              |              | ١ ،          |  |              | •0         | i              |   |                   |             |  |         | 1                 |          |                |          |              | 7         | '                 |
| 88/ 87      |     |       | L <u>-</u>   | •0           | .2           | . 4  | • •          |            |                |   | $\rightarrow$     |             |  |         | <b> </b>          |          |                | 12       |              |           | +                 |
| 86/ 85      |     |       | •0           |              | 2.9          | 3.0  | -4           | •0         |                | 1 1                                     | - 1               | .           |  |         |                   |          |                | 88       | 2 88         |           |                   |
| 84/83       |     |       | . 2          |              | 7.3          | 3.3  | .2           | •0         |                |   |                   |             |  |         |                   |          |                | 204      | 7 204        | 8         |                   |
| 82/ 81      |     | .0    | 2.5          | 11.7         |              | . 9  |              |            |                | 1                                       |                   |             |  |         | 1 [               |          |                | 315      | 6 315        | 7 1       | 7                 |
| 80/ 79      |     | . 5   |              | 23.0         | 5.1          | 2  | . !          |            |                |   | 1                 |             | -  |         | 1                 |          |                | 573      | 9 573        | 9 19      |                   |
| 78/ 77      | .0  | 1.3   | 6.9          |              | . 3          |  |              |            |                |   |                   |             |  |         |                   |          |                | 182      | 1 182        | 1 182     | 3 21              |
| 76/ 75      | -1  | 1.0   |              | • 2          |              |  | 1            |            | l              |   |                   |             | - 1  |         |                   |          |                | 28       |              |           |                   |
| 74/ 73      | .0  | . 2   |              |              | <b> </b>     | 1  |              |            |                | +-+                                     |                   |             | -  |         | +                 |          |                | 4        |              | 8 455     |                   |
| 72/ 71      | • • | . 1   | .0           |              |              |  |              |            | 1              | 1 1                                     |                   |             | İ  |         |                   |          |                |          | 9            |           | 3 46              |
| 70/ 69      | •0  | •••   |              | 1            | -            | <del> </del>                                     | <del> </del> |            |                | ++                                      |                   | -           | -  |         | <del>  </del>     |          |                | -        | <del>-</del> | 1 8       |                   |
| 68/ 67      | ۰۷  |       |              | 1            |              |  | 1 1          |            | 1              |   | - 1               | .           | 1  |         |                   |          |                |          | 4            | 1 0       |                   |
|             |     |       |              | <b>-</b>     |              | ļ  |              |            | ļ              | ++                                      | $\longrightarrow$ |             |  |         | $\longrightarrow$ |          | ļ              |          |              |           | 33                |
| 66/ 65      | 1   |       |              | i            | ł            | ł  | ] ]          |            | ŀ              | 1 1                                     |                   | . 1         |  |         | 1 1               |          | 1              |          | 1            | 1         | 1                 |
| 64/ 63      |     |       |              |              | Ĺ            | <u> </u>   | 1            |            |                |   |                   |             |  |         |                   |          |                |          |              |           |                   |
| 62/ 61      |     |       |              |              |              |  | 1            |            | Ì              | 1 1                                     | ĺ                 |             |  |         |                   |          |                | ĺ        | 1            | 1         | i —               |
| DTAL        | • 1 | 3.2   | 22.2         | <b>~2.8</b>  | 22.9         | 7.8  | .9           | • 0        |                | 1                                       | i                 |             |  |         |                   |          |                |          | 1412         | 1         | 1411              |
|             |     |       |              |              |              |  |              |            |                |   |                   |             |  |         |                   |          |                | 1411     |              | 1411      | 8                 |
|             |     |       |              |              | ]            |  |              |            |                |   | 1                 | ļ           |  |         |                   |          |                |          | 1            |           |                   |
|             |     | -     |              | <del> </del> | <del> </del> |  | t            |            |                | +-+                                     |                   | <del></del> |  |         |                   |          | -              | <b> </b> | <del> </del> | +         | +                 |
|             |     |       |              | 1            |              | İ  | i            |            |                |   |                   | - 1         | ĺ  |         |                   |          | i              |          |              |           | 1                 |
|             |     |       |              | ·            |              | <del>                                     </del> | -            |            |                | +                                       |                   |             |  |         | -                 |          | <u> </u>       | ļ —      | <del></del>  |           | <del>↓</del> — –  |
| ł           | í   |       |              | i            | ł            | ł  | 1 1          |            | 1              | 1 1                                     | - 1               | - }         | - 1  |         |                   |          | l              | ļ        | 1            | 1         | 1                 |
|             |     |       |              |              | ļ            |  |              |            |                |   |                   |             |  |         |                   |          |                |          |              |           |                   |
|             |     |       |              |              |              |  |              |            |                | 1 1                                     | - 1               | i           |  |         |                   |          |                |          |              |           |                   |
|             |     |       |              | J            | İ            | L  | L!           |            |                |   |                   |             |  |         | l l.              |          |                |          | 1            |           |                   |
|             |     |       |              |              |              |  | 1            |            |                |   |                   |             |  |         |                   |          |                |          | T            |           |                   |
| ı           |     |       |              |              | 1            |  |              |            |                | 1 1                                     | i                 | i           | 1  |         | i i               |          | 1              |          |              | ļ         |                   |
|             |     |       |              |              |              | 1  | 1            |            |                | +                                       |                   | +           |  |         | tt                |          | <u> </u>       | <u> </u> | +            | +         | †                 |
| l           |     |       |              |              |              | 1  |              |            |                |   | 1                 |             |  |         |                   |          |                |          |              |           | }                 |
|             | -   |       |              | <del> </del> | -            |  | †            |            | -              | ++                                      |                   |             |  |         | + +               |          | <del> </del> - |          | +            | +-        | +                 |
|             |     |       |              |              | İ            |  |              |            |                |   |                   | - 1         |  |         |                   |          |                |          | 1            |           | 1                 |
|             |     |       | <del>-</del> | <del></del>  | ļ            | <del>                                     </del> | <del> </del> |            |                | +— $+$                                  | $\longrightarrow$ |             |  |         |                   |          | -              |          | +            | +-        | +-                |
|             | !   | ļ     |              |              | 1            |  |              |            |                |   |                   |             |  |         |                   |          |                |          | 1            |           | 1                 |
|             |     |       |              | <b>.</b>     | L            | ļ.——   |              |            |                | +                                       |                   |             |  |         |                   |          | <b>└</b>       |          |              | $\perp$   | $\perp$           |
| l           |     | 1     |              |              | l            |  |              |            |                | 1 1                                     | - 1               |             |  |         |                   |          | 1              | ĺ        | 1            |           |                   |
|             |     |       |              | <u> </u>     |              |  |              |            |                | لــــــــــــــــــــــــــــــــــــــ |                   |             |  |         | LI                |          |                |          |              |           |                   |
| Element (X) |     | Σχ²   |              |              | Z X          |  | X            | <b>€</b> 4 |                | No. Obs                                 |                   |             |  |         | Mean N            | o. of He | ours with      | Temper   | ature        |           |                   |
| Ret. Hum.   |     | 8377  | 7737         | 1            | 0831         | 95   | 76.7         | 6.7        | 31             | 1411                                    | 18                | ≤ 0 F       | -  | 32 F    | ≥ 67              | F        | 73 F           | ≥ 80 F   | - 93         | F         | Total             |
| Dry Bulb    |     | 9193  | 4703         | 1            | 1389         | 0.5  | 80.7         | 2.3        | 54             | 1412                                    |                   |             | <del>-                                    </del> |         |                   |          |                | 506      |              |           | 74                |
| Wet Bulb    |     | 7922  |              | 1            | 0573         |  | 74.9         |            |                | 1411                                    |                   |             | +  |         | TAA               | . d .    | 92,7           | 2        | 9            | +         | 74                |
| Dew Paint   |     | 7433  |              | 1 1          | 0231         | 147  | 72.5         | 1 4        | <del>•</del> • | 141                                     | -                 |             | <del>-+</del>                                    |         | 744               | **       | 92.5           |          | 7            | +         | 74                |
|             |     |       |              |              |              |  |              |            |                |   |                   |             |  |         |                   |          |                |          |              |           |                   |

ORM 0-26-5 (OLA) REVISED MEVIOUS EDITIONS OF THIS FORM ARE OF

JSAFETAC FORM

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY JOHNSTON ISLAND/PACIFIC IS NOV 45-71 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poir 90/ 89 0 .0 .2 .2 1.6 .0 1.0 6.5 . .3 8.619.5 7 .1.612.511.3 3 1.4 2.0 1.3 .5 .2 .1 .1 .0 88/ 87 86/ 85 261 1119 •0 262 3.9 6.7 7.5 1119 1120 2161 2171 84/ 83 .0 82/ 81 •0 2 4893 3898 72. 2 714 4018 20 20 2279 4540 20 20 2279 4540 1 519 2620 91 1027 35 303 99 79 77 4885 80/ 3886 76/ 75 74/ 73 72/ 71 712 123 70/ 69 68/ 67 303 95 66/ 65 64/ 63 62/ 61 60/ 59 58/ 57 43 24 13180 TUTAL .2 4.124.540.522.8 6.7 1.1 13214 13180 13181 tomos 11 8 0-26-5 (OL 76.9 7.159 79.4 2.226 73.8 1.926 71.4 2.494 ZX, No. Obs. Mean No. of Hours with Temperature 1013428 1049798 972853 19181 19214 19181 19180 267 F 273 F 280 F 293 F 720 0 718 9 311 1 718 0 560 7 1 5 644 3 247 2 1 78593344 83467618 71852459 67285217 720 720 720 Dry Bulb Wet Bulb 941137 Dew Point 

OATA PRICESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

21603 JUHNSTON ISLAND/PACIFIC IS 45-71

STATION STATION NAME

#### PSYCHROMETRIC SUMMAR\

DEC

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 7 .0 .0 88/ 87 86/ 85 84/ 83 82/ 81 80/ 79 •0 ٠0 20 0 .2 .5 0 .5 2.4 .2 3.0 8.1 1.311.818.2 329 329 1227 1236 •0 • 1 2629 2732 5224 5321 43 10 57 78/ 77 •0 •0 2.6 8.0 1.1 3019 3269 1505 304 498 536 4213 1713 76/ 75 8.2 2.8 .5 74/ 73 100 4353 3418 24 1845 3599 5 601 2273 1 251 792 . 3 .2 72/ 71 -1 00 70/ 69 . 0 . 1 23 .0 .0 66/ 65 64/ 63 41 443 62/ 61 296 122 60/ 59 58/ 57 46 56/ 55 TOTAL .2 5.724.938.021.1 8.0 1.9 13580 13078 13080 13080 No. Obs. Element (X) 743.0 736.9 159.6 727.3 340.5 1.1 647.1 118.6 .1 1000374 77379436 13079 Rel. Hum. Total 82163081 77.8 2.253 72.2 2.339 69.6 3.148 1055859 943882 13560 744 Dry Bulb 744 Wet Bulb 63528162 910564 744 Dew Paint

FORM 0-26-5 (OL. A) REVISED MEYIOUS EDITIONS OF THIS FORM ARE ORSOLET

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AFFTAC FOUR

## **PSYCHROMETRIC SUMMARY**

21603 JOHNSTIDN ISLAND/PACIFIC IS 46-72

STATION NAME

YEARS

PAGE 1 0000-0200
HOURS ILL. S. T. I

| Temp.     |      |     |       |            |              | _            |  |              |                  |              | DEPRE          |         |         |           |              |              |              |              | TOTAL        |              | TOTAL    |          |
|-----------|------|-----|-------|------------|--------------|--------------|--|--------------|------------------|--------------|----------------|---------|---------|-----------|--------------|--------------|--------------|--------------|--------------|--------------|----------|----------|
| (F)       |      | 0   | 1 - 2 | 3 - 4      | 5 - 6        | 7 - 8        | 9 - 10   | 11 - 12      | 13 - 14          | 15 - 16      | 17 - 18        | 19 - 20 | 21 - 22 | 23 - 24   | 25 - 26      | 27 - 28      | 29 - 3       | 0 + 31       | D.B. W.B.    | Dry Bulb     | Wet Bulb | Dew Poir |
| 80/ 7     | 19   |     |       | 1          | • 1          |              |  |              | 1                |              |                |         |         |           |              |              |              | 1            | 1 9          | 9            |          |          |
| 78/ 7     |      |     | 2.2   | 6.6        | 9.0          |              |  | 1            | 1                |              | 1 1            |         |         |           | l .          | Ì            |              |              | 310          | 313          |          | ļ        |
| 76/ 7     | 75   |     | 3.    | 18.        | 20.6         | 6.7          | 1.8  | -1           |                  |              | <del>   </del> |         |         |           | <del> </del> | <del> </del> | <del> </del> | <del></del>  | 804          |              |          | 27       |
| 74/ 7     |      |     | 1.9   | 7.0        | 7.1          | 4.4          |  | . 1          | . 1              |              | i              |         | l       |           |              |              |              |              | 350          |              |          |          |
| 72/ 7     |      |     | 1.    | 1.         | 1 1.1        | .4           |  |              |                  | 1            | +              |         |         |           |              |              | -            | +            | 69           |              |          |          |
| 70/ 6     |      | . 2 |       |            | 1            |              |  |              | 1                |              |                |         | [ [     |           | 1            | 1            | 1            | [            | 19           |              |          | 422      |
| 68/ 6     | -    | - 1 | •     | -          |              | -            |  | <del> </del> |                  | <del> </del> | <del>   </del> |         |         |           |              |              |              | +            | 3            | 2            | 1        | 37       |
| 66/ 6     |      | • • | •     | 1          | 1            | ł            | ł  | ł            | 1                | 1            | 1              |         | 1       |           |              | i .          |              | 1            | _            | -            | 89       | 198      |
| 64/ 6     |      |     |       | +          | +            |              | <del></del>                                      | <del> </del> | <del> </del>     | <del></del>  | +              |         |         |           | <del></del>  |              | <del></del>  | +-           | <del></del>  |              | 26       | 100      |
|           |      |     |       | j          | Ī            | ŀ            |  | i            |                  | 1            | 1 1            |         |         |           |              |              |              |              |              |              | 2.0      | 68       |
| 62/ 6     |      |     |       |            | <del> </del> | <u> </u>     |  | <del> </del> | <del></del>      | ├—           | +-+            |         |         |           | -            | <b></b>      | <del></del>  | <del> </del> |              | <del> </del> |          | 0.0      |
| 60/ 5     |      |     |       | ļ          |              |              |  |              |                  | 1            | 1 1            |         |         |           |              | İ            |              | ļ            |              |              | 1        | 34       |
| 58/ 5     | 2/   |     |       |            | <del></del>  | <b></b>      |  | <b></b>      | <b>_</b>         | <del> </del> |                |         |         |           | <b>├</b>     | <u> </u>     |              | <u> </u>     |              | <u> </u>     | ļ        | 32       |
| 56/ 5     |      |     |       |            |              |              |  | İ            |                  |              |                |         |         |           |              |              |              |              |              | İ            |          |          |
| 54/ 5     | )3   | - / |       | 33 /       | VA 0         | 1 3 6        |  | <b></b>      | ļ.,              | <u> </u>     | 4              |         |         |           | <u> </u>     |              |              |              |              |              |          | 1560     |
| UTAL      |      | . 4 | 9.0   | 733.       | 38.0         | 113.7        | 3.7  | -4           | • 1              | 1            | { {            |         |         |           | 1            |              | 1            | 1            |              | 1637         |          |          |
|           |      |     |       | ļ          | -            | <b> </b>     | ļ  |              |                  | <u> </u>     | <del> </del> - |         |         |           | ļ            |              |              | <u> </u>     | 1559         |              | 1559     |          |
|           | 1    |     |       | -          | 1            | ł            |  |              | ļ                | 1            | 1 1            |         |         |           |              | Į,           |              |              | 1            |              |          |          |
|           |      |     |       | ļ <u>.</u> | <u> </u>     |              | <u> </u>   |              | <b>_</b>         | <u> </u>     | 1              |         | L       |           | <u> </u>     |              |              |              | ļ            |              |          |          |
|           | 1    |     |       | 1          |              | 1            |  |              |                  |              |                |         |         |           |              |              |              |              |              |              |          |          |
|           |      |     |       | <u> </u>   | <u> </u>     | <u> </u>     |  | L            |                  |              |                |         |         |           | <u> </u>     |              |              |              | <u> </u>     |              |          |          |
|           | - 1  |     |       | ļ          | 1            |              | 1  |              |                  |              | 1 1            |         |         |           |              |              |              |              |              |              |          |          |
|           | i_   |     |       | L          |              | <u>L</u>     |  |              |                  |              |                |         |         |           |              |              |              |              |              | <u> </u>     | J        |          |
|           |      |     |       |            | _            |              | 1  |              |                  |              |                |         |         |           |              |              |              |              |              |              |          |          |
|           | i    |     |       | 1          |              | 1            | 1  |              |                  |              |                |         |         |           |              |              |              |              |              |              |          | İ        |
|           |      |     |       | T .        |              |              |  |              |                  | 1            |                |         |         |           | 1            |              |              |              | 1            |              |          |          |
|           |      |     |       |            | 1            |              |  |              |                  | 1            |                |         |         |           |              | Ì            |              |              |              |              |          |          |
|           |      |     |       | <b>—</b>   |              |              |  | 1            |                  | 1            | 1              |         |         |           | 1            |              |              | 1 -          | <b>—</b>     |              |          |          |
|           |      | ĺ   |       | }          |              | 1            |  |              |                  |              |                |         |         |           |              |              | [            | ĺ            |              | ĺ            |          |          |
|           | _    |     |       |            | T            | 1            |  | 1            |                  |              |                |         |         |           | <del></del>  |              |              | <del> </del> | <del> </del> |              |          |          |
|           | - 1  |     |       | i          |              | ł            | İ  | 1            | ľ                | {            | 1 1            |         | }       |           | ł            |              | }            | }            | 1            | ł            |          |          |
|           | -+   |     |       | +          | +            | <del> </del> | <del>                                     </del> | 1            | -                | <del> </del> | 1-1            |         |         |           | <del> </del> |              |              | +            | <del> </del> |              |          |          |
|           |      |     |       | 1          | 1            | 1            | }  | -            | J                | }            |                |         |         |           | 1            |              |              |              |              | ĺ            |          |          |
|           | -+   |     |       | +          | +            | <del> </del> | <del> </del>                                     | <del> </del> | <del> </del>     | $\vdash$     | +              |         |         | -         | <del></del>  | <del></del>  |              | +            | <del> </del> | -            | -        |          |
|           |      |     |       |            | [            | 1            |  |              |                  |              | 1              |         |         |           | ł            |              |              | İ            |              |              |          |          |
| Element ( | ×/   |     | Z x²  |            | +            | ZX           | ┺  | X            | - o <sub>x</sub> | ┶┯           | No. Obs        | . 1     |         |           |              | Mean A       | 10 06 1      | dougs with   | h Tempera    | tura.        | L.—      |          |
| Rel. Hum. |      |     |       | 5230       |              | 1226         | .00  | 78.7         |                  |              | 15             |         | ± 0 1   | - 1       | ± 32 F       | mean r       |              | ≥ 73 F       | ≥ 80 F       | 2 93 I       |          | Total    |
| Dry Builb | +    |     |       |            |              | 1220         | 25   | 78 4         | 1                | 24           |                |         | 201     |           | 2 32 F       |              |              |              |              |              |          |          |
|           | -    |     |       | 977        |              | 1230         | 42   | 75.2         | 1                | 90           | 16             |         |         | +         |              |              | <u>.g</u>    | 87,          |              | 4            |          | 91       |
| Wet Bulb  | _  - |     |       | 1307       |              | 1095         |  | 70.3         | 2.9              | 14           | 15             | 77      |         | $-\vdash$ |              | 57           | .7           | 15,4         |              |              |          | 93       |
| Dew Poin  | ,    |     | 127   | 2431       |              | 1060         | 149  | 68.0         | 7 3 • 4          | 77           | 15             | 00      |         |           |              | 67           | • 1          | 4.9          |              |              |          |          |

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USAFETAC 1984 .

## **PSYCHROMETRIC SUMMARY**

21603 JOHNSTON ISLAND/PACIFIC IS
STATION NAME

| <del></del>  | , ——         | <del></del>  | -            |              |          | WE3      | r bull b       | TEMBER       | ATUD     | E DEPR       | ESSION       | (E)            |          | _            |              |          |      |      | TOTAL      | 1        | TOT     |          | . 5. T.         |
|--------------|--------------|--------------|--------------|--------------|----------|----------|----------------|--------------|----------|--------------|--------------|----------------|----------|--------------|--------------|----------|------|------|------------|----------|---------|----------|-----------------|
| Temp.<br>(F) | 0            | 1 - 2        | 3 - 4        | 5 - 6        | 7 - 0    |          |                |              |          | 6 17 - 18    |              |                | lan 24   | 25 26        | 100          | 20 20    | 20   | . 23 |            |          |         |          | Dew Poin        |
|              |              | 1 - 2        | 3 . 4        | 3-6          | 7 - 8    | 9 - 10   | 11 - 12        | 13 - 14      | 15 - 11  | 6 17 - 18    | 19 - 20      | 21 - 22        | 23 - 24  | 25 - 26      | 27 -         | 28 29    | . 30 | 2 31 |            | 1 Dry Bu | 1 Wer D | - 1      | Dew Poin        |
| 80/ 79       | }            | ١.,          | 4 6          | ٠, ,         |          | Υ,       |                | 1            | }        | 1            | )            | 1              | }        | Į            | 1            | 1        |      |      |            | 4        | . 1     | 1        |                 |
| 78/ 77       | <del> </del> | 103          | 7.0          | 22.2         | 1        | •        | <u>.</u>       | <del> </del> |          | +            | <del></del>  | +              | ļ        | <del></del>  | ┼            |          |      |      | 83         | 0 10     | 74      | 20       |                 |
| 70/ /3       |              | 3.0          | 20.0         | 24.6         | 2.1      | 2.9      | • •            |              | [        | 1            | 1            | (              | ĺ        | ĺ            | 1            | 1        |      |      |            |          |         | 3 a      | 16              |
| 74/ 73       | - 3          | 3.1          | 7.5          | , , ,        | 7.       | 1.       |                | •1           |          | +            | <b>├</b> ─   | <b>↓</b>       |          | <del> </del> | <del> </del> |          |      |      | 43         |          | 9 3     | 72<br>23 | 12<br>55<br>232 |
| 72/ 71       |              | 9 1 • 4      | 1.7          | 1.0          | 1 • 1    | •        | 2 . 1          | Ч            |          | ļ            | ĺ            |                | ļ        | ĺ            | i i          |          |      |      |            |          | 3 3     | 23       | 232             |
| 70/ 69       | 1            |              | . 6          | • 1          |          |          | <del> </del> - |              | ļ        | <del> </del> | <u> </u>     | <del> </del>   | <u> </u> |              | <b>├</b>     |          |      |      | Z          | 1        | 24 4    | 61       | 370             |
| 68/ 67       | ł            | • ]          |              | 4            | }        | 1        |                | }            | 1        |              | ļ            | 1              | ļ        | }            |              | 1        |      |      |            | 3        | 4 2     | 25       | 3/0             |
| 66/ 65       | <b></b> -    | • 1          | <u> </u>     | <del> </del> |          | <b></b>  | <del> </del>   | <del> </del> |          | +            | <del> </del> | <del> </del>   | <b>├</b> |              | ├            |          |      |      | <b></b> -  | 1        | 1 1     | 10       | 195             |
| 64/ 63       | 1            | Į.           |              | i            |          |          |                | 1            | 1        |              | [            | (              | Í        | 1            |              |          |      |      | ł          | 1        |         | 26       | 131             |
| 62/61        |              | <b>_</b>     | <del></del>  | <b>├</b> ──  | ــــ     | -        |                | <del> </del> | <u> </u> |              | <b>_</b>     | <u> </u>       | <b> </b> | <b></b>      | <b>↓</b>     | _        |      |      | ļ <u>.</u> |          | -       | 9        | 59              |
| 60/ 59       |              | ]            | 1            | }            |          |          | !              | 1            |          |              | 1            | 1              | 1        | 1            |              |          |      |      | 1          |          | -       | 2        | 45              |
| 58/ 57       | ļ            | <del> </del> | <del> </del> | <b>├</b> ─   | <b>↓</b> | -        | <del> </del>   | <del> </del> |          | +            | <del> </del> | <b>└</b>       | <b>_</b> |              | ₩            | 4-       |      |      | ·          | -        |         |          | 9               |
| 56/ 55       | 1            |              |              | i            | 1        |          | 1              | 1            | }        | 1            |              | 1              | ļ        |              | 1            |          |      |      | )          | 1        |         |          | 9               |
| 54/ 53       | <u> </u>     | <del> </del> |              | <del> </del> | ↓        | <u> </u> | ↓              | <b>├</b>     | <u> </u> |              |              | <del> </del>   | <u> </u> | <u> </u>     | <b>⊢</b> –   | <u>-</u> |      |      |            | +        |         |          |                 |
| 52/ 51       |              |              | L            |              |          |          | _[ _           | _[           | [        | (            | (            | 1              | Ì        | 1            | 1            | - (      |      | 1    | (          | 1        | }       | - {      | 1               |
| TOTAL        | . 4          | 10.1         | 35.8         | 36.5         | 12.      | 3.9      | . 7            | • 1          |          | <del></del>  | <b>-</b>     | <del> </del> - |          | <u> </u>     |              | _        |      | L    | ļ <u>_</u> | 16       |         |          | 1559            |
|              |              | ļ            | 1            | )            | ļ        |          |                | 1            |          | i            | 1            | 1              | ļ        | İ            |              |          |      |      | 135        | 8        | 15      | 58       |                 |
|              |              | <u> </u>     |              | <del></del>  | <u> </u> | ļ        | <u> </u>       | -            |          |              | <u> </u>     | ↓              | ļ        |              | ↓            |          |      |      |            |          |         |          |                 |
|              | i            | 1            | 1            |              | 1        |          |                | 1            |          | 1            | Į.           | 1              | 1        | }            | ļ            | 1        |      |      |            |          |         | ļ        |                 |
|              | L            | ļ            | -            | ↓            |          | Ļ        | ļ              | <u> </u>     |          | <u> </u>     | <u> </u>     | <del></del>    | <b></b>  | <u> </u>     | <u> </u>     |          |      |      | <u> </u>   |          |         |          |                 |
|              |              | 1            | 1            | 1            |          |          |                | i            | ĺ        |              | ĺ            | 1              | {        | ĺ            | 1            |          |      |      | l          | - (      |         | 1        |                 |
|              | L            | -            | <u> </u>     |              | ļ        | <b>_</b> | <u> </u>       | <b>_</b>     |          | -            | <b></b>      |                | L        | <u> </u>     | ـــــ        | _}_      |      |      | <u> </u>   |          |         |          |                 |
|              | ,            |              |              |              |          | 1        |                |              |          |              | }            |                |          | 1            |              |          |      |      | ì          |          |         | - 1      |                 |
|              | <u> </u>     |              |              |              | Ļ        | L        |                | 1            | L        |              | <u> </u>     |                | <u> </u> | ļ            | <u> </u>     |          |      |      |            |          |         |          |                 |
|              | İ            | ì            | i            | 1            | ì        | i        | 1              | 1            | l        | 1            | 1            | 1              | }        | 1            |              |          |      |      | ]          | -        | 1       |          |                 |
|              |              | <u> </u>     | <u> </u>     | <u> </u>     | L        | <u> </u> | 1              | L            |          |              | <u> </u>     |                |          | <u> </u>     | <u></u>      |          |      |      |            |          |         |          |                 |
| _            |              |              |              |              |          |          |                |              |          | i            |              | _              | [        |              | [            |          |      |      | -          |          | }       |          |                 |
|              | L            | <u> </u>     | <u>L</u>     | L            | L_       |          | 1              | ļ            |          |              | <u> </u>     | 1              |          | l            | <u> </u>     |          |      |      |            |          |         |          |                 |
|              | 1            |              |              | )            | ] [      |          |                |              |          |              | -            |                | _        |              |              |          |      |      |            |          |         |          |                 |
|              |              | L            | <u> </u>     |              |          |          |                | <u> </u>     | l        |              | <u></u>      |                |          |              | L            | $\perp$  |      |      |            | <u> </u> |         |          |                 |
|              |              |              |              | (            |          | 1        | 1              | 1            |          |              |              |                |          | 1            |              |          |      |      |            |          |         | J        |                 |
|              |              | 1            | 1            | L            |          | 1        |                | L            |          |              | L            | L              | l        |              | l            | _L       |      |      |            |          |         |          |                 |
|              |              |              | 1            |              |          |          |                |              |          |              |              |                |          |              |              | T        |      |      |            |          |         |          |                 |
|              |              |              |              |              |          |          |                |              |          |              | <u></u>      |                | <u> </u> | <u> </u>     | <u> </u>     |          |      |      |            |          |         |          |                 |
| Element (X)  |              | Σχ'          |              | ļ            | Z X      |          | <u>x</u>       | * A          | $\perp$  | No. O        |              |                |          |              |              |          |      |      | Tempe      |          |         |          |                 |
| Rel. Hum.    | <u> </u>     | 978          | 976          |              | 122      | 369      | 78.9           | 8.0          | 11       |              | 358          | ± 0            | F        | 32 F         |              | 67 F     |      | 73 F | » B0       | F + 9    | 3 F     |          | otal            |
| Dry Bulb     | <u> </u>     | 916          | 724          |              | 122      | 137      | 74.8           | 1.5          | 74       |              | 36           |                |          |              |              | 2.       |      | 86,1 |            |          |         |          | 93<br>93        |
| Wet Bulb     | L            |              | 1462         |              | 109      |          | 70.0           | 2.4          | 89       | 1.           | 58           |                |          |              |              | 4.       |      | 12.1 |            |          |         |          | 93              |
| Dew Point    |              | 716          | 8934         | H            | 105      | 55Q      | 67.7           | 3.4          | 69       | 1            | 159          |                | L .      |              |              | 6.6      | 1    | 4.0  |            | [        | - 1     |          | 93              |

USAFETAC FORM 0-26-5 (OLA)

DATA PROLESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 21603 STATION JUHNSTON ISLAND/PACIFIC IS

#### **PSYCHROMETRIC SUMMARY**

YEARS

JAN HTHOM

|             |     |       |  |  |              |             |           |                |         |   |        |         |         |         |  |              |                  | PAUL              |                   | HOURS IL   |          |
|-------------|-----|-------|--|--|--------------|-------------|-----------|----------------|---------|---|--------|---------|---------|---------|--|--------------|------------------|-------------------|-------------------|------------|----------|
| Temp.       |     |       |  |  |              | WET         | BULB .    | TEMPER.        | ATURE   | DEPRES  | SION ( | F)      |         |         |  |              |                  | TOTAL             |                   | TOTAL      |          |
| (F)         | 0   | 1 - 2 | 3 - 4  | 5 - 6  | 7 - 8        | 9 - 10      | 11 - 12   | 13 - 14        | 15 - 16 | 17 - 18 19  | 9 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28  | 29 -         | 30 - 31          | D.B. W.B.         | Dry Bulb          | Wet Bulb I | Dew Po   |
| 82/ 81      |     |       |  |  | . 1          |             |           |                |         |   |        |         |         |         | 1  | 1            |                  | 1                 | 1                 | ,<br>!     |          |
| 80/ 79      |     |       | 1  | 1.1  | . 8          | . 2         |           |                |         |   |        |         |         |         |  | 1            | į                | 33                | 33                | •          |          |
| 78/ 77      |     | 1.2   |  | 10.1   |              |             |           |                |         |   |        |         |         |         | +-   |              |                  | 348               | 365               |            |          |
| 76/ 75      |     |       |  | 19.3   |              |             |           |                |         | 1 1   |        |         |         |         |  | i            | - 1              | 710               |                   |            |          |
| 74/ 73      | . 3 |       | 7.5  |  |              |             |           |                |         | <del>  -                                   </del> |        |         |         |         | +  | <del> </del> |                  | 359               | 373               |            | 6        |
| 72/ 71      | .1  | 1.3   | 1.6  | 1.7  |              | -           |           | 1              |         | i i   | 1      | l       |         |         |  | 1            |                  | 92                | 96                |            | 22       |
| 70/ 69      | . 2 | . 3   |  |  |              |             |           |                |         | <del>                                     </del>  |        |         |         |         | <del>                                     </del> | ├            | - <del> </del> - | 21                | 21                |            | 41       |
| 68/ 67      | . 1 | •     | 1  | ""   | 1            | ļ           |           |                |         |   |        |         |         |         |  |              |                  | 2 3               | 2 1               |            |          |
|             |     |       |  | +  | <del> </del> | ├           |           |                |         | <del>  </del>                                     |        |         |         |         | <del> </del>                                     | +            |                  | 1                 | 1                 |            | 37<br>23 |
| 66/ 65      |     |       | Í  |  | i            | l           |           | ĺ              |         | i i   |        |         |         |         | 1  | 1            | 1                | 1                 |                   | 105        |          |
| 64/ 63      |     |       | ļ  | <del> </del>                                     |              |             | <b></b> - |                |         |   |        |         |         |         | -  | 1            |                  |                   |                   | 27         | 11       |
| 62/ 61      |     |       | 1  | 1  |              |             |           |                |         |   |        |         |         |         |  | 1            |                  | 1                 |                   | 10         | 7        |
| 60/ 59      |     |       | ļ  | Ļ  | <b> </b> _   |             | ļ         |                |         | ļ <u>_</u>  |        |         |         |         | <u> </u>   | 1            |                  | +                 |                   | 2          | 3        |
| 58/ 57      |     |       |  |  |              |             | ļ I       | 1              |         |   |        | 1       |         |         |  | 1            | 1                |                   |                   |            | 1        |
| 56/ 55      |     |       |  | 1  | Ĺ            | <u></u>     |           |                |         |   |        |         |         |         | 1  | <u></u>      | i                |                   |                   |            | _        |
| 54/ 53      |     |       |  |  |              |             |           |                |         |   |        | ſ       |         |         | Ţ  | Į.           |                  |                   | ,                 |            |          |
| 52/ 51      |     |       |  |  |              |             |           |                |         |   | 1      |         |         |         |  | ĺ            |                  | ,                 |                   |            |          |
| DTAL        | .7  | 8.2   | 30.2   | 39.2   | 15.5         | 4.9         | 1.3       |                |         |   |        |         |         |         |  |              |                  |                   | 1643              |            | 156      |
|             |     |       | !  |  | ļ            | i           |           |                |         |   |        | İ       |         |         | 1  | 1            | i                | 1565              |                   | 1565       |          |
| ĺ           |     |       |  |  |              | ĺ           |           |                |         |   |        |         |         |         |  | Ī            |                  |                   |                   |            |          |
| į           |     |       | 1  | 1  | ĺ            |             | ŀ         |                |         |   |        |         |         |         |  | 1            | 1                | 1 1               | 1                 |            |          |
|             |     |       | 1  | i  |              | -           |           |                |         |   |        |         |         |         |  | İ            |                  | 1 1               |                   |            |          |
|             |     |       |  | !  | ļ            | Į.          |           |                |         |   |        |         |         |         | 1  |              |                  |                   | ĺ                 |            |          |
| _           |     |       | <del> </del>                                     | <del>                                     </del> |              | <del></del> | <u> </u>  |                |         |   |        |         |         |         | <del>                                     </del> |              |                  |                   |                   |            |          |
| ĺ           |     |       | ĺ  | ĺ  | ĺ            | 1           | [         | 1              |         | 1 1   | ĺ      | 1       |         |         | 1  | 1            | - 1              | 1                 | i                 |            |          |
|             |     |       | <del>                                     </del> | +  | <del> </del> |             |           |                |         | <del>                                     </del>  |        |         |         |         | <del> </del>                                     |              |                  | <del> </del> -    | $\longrightarrow$ | ·          |          |
| 1           |     |       |  | 1  |              |             |           | 1              |         |   |        |         |         |         |  |              | 1                |                   | 1                 |            |          |
| <del></del> |     |       | <del> </del>                                     | <del> </del>                                     | <b></b>      | -           |           |                |         |   |        |         |         |         | ļ  | ├            |                  |                   |                   |            |          |
|             |     |       | 1  |  |              | ļ           |           |                |         |   | 1      |         |         |         | 1  |              |                  | 1 1               | !                 |            |          |
|             |     |       |  | +  |              |             |           |                |         |   |        |         | -       |         | <u> </u>   | ļ            |                  |                   |                   |            |          |
|             |     |       |  | 1  | i            |             |           |                |         |   |        |         |         |         |  |              |                  | į l               |                   |            |          |
|             |     |       | ļ  | ↓  |              |             |           |                |         | <del>                                     </del>  |        |         |         |         | ļ  | <u> </u>     |                  | <del>      </del> |                   |            |          |
|             |     |       | 1  |  |              | 1           |           |                |         |   | ŀ      |         |         |         |  |              |                  |                   | İ                 |            |          |
|             |     |       | L  | L  |              | L           |           |                |         |   |        |         |         |         |  | L            |                  |                   | ]                 |            |          |
|             |     |       |  |  |              |             |           |                |         |   |        |         |         |         |  |              |                  |                   |                   |            |          |
| lement (X)  |     | 2 x 2 | <u> </u>   | <del> </del>                                     | z x          | Щ.          | ¥         | σ <sub>k</sub> |         | No. Obs.  |        | J       |         |         | Mean   | No. of       | Hours wi         | th Temperatu      | 410               |            |          |
| Rel. Hum.   |     |       | 2674   |  | 1216         | 50          | 77.7      | 8.2            | 57      | 156   |        | ± 0 F   | т.      | 32 F    | ≥ 67   |              | ≥ 73 F           | ≥ 80 F            | ≥ 93 F            | - T        | otal     |
| Dry Bulb    |     |       | 0742   |  | 1236         |             | 75.2      | 1.7            | 72      | 164   |        | 2 V P   | +-      | 32 F    |  | · a          | 86.              |                   |                   |            | 9        |
| Wet Bulb    |     |       | 6676   |  | 1097         |             | 72.3      | 1 · /          | 7       | 156   |        |         | -       |         |  | - 4          |                  |                   | 1                 |            | 9        |
| ##T BUID    |     |       | 3344   |  | 1021         |             | 15.1      | 2.5            | -       | 120   |        |         | $\bot$  |         | 84   |              | 14.0             | 9                 |                   |            |          |

46-72

USAFETAC NOM 0.26-5 (OLA)

FOEM 0-26-5 (OLA)

| DATA | PROCESS  | ING  | RRANCH   |
|------|----------|------|----------|
| USAF | ETAC     |      |          |
| AIR  | YEAT IER | SERV | /ICE/MAC |

## **PSYCHROMETRIC SUMMARY**

| STATION          | JOH         | NS TO | N 1   |       | E/PA        |  | c ts          |            |         | 46-7           | 2        |                   |           | VEARS       |                |               |              |            | J.           | A14    |
|------------------|-------------|-------|-------|-------|-------------|--|---------------|------------|---------|----------------|----------|-------------------|-----------|-------------|----------------|---------------|--------------|------------|--------------|--------|
| 3141.04          |             |       |       | 31    |             | AME  |               |            |         |                |          |                   |           | CAND        |                |               | PAGE         | 1          | 0900-        | -110   |
| Temp.            |             |       |       |       |             |  |               |            |         | DEPRES         |          |                   |           |             |                |               | TOTAL        |            | TOTAL        |        |
| (F)              | 0 1         | . 2   | 3 - 4 | 5 - 6 | 7 - 8       |  |               | 13 - 14    | 15 - 16 | 17 - 18 1      | 9 - 20 2 | 1 - 22 2:         | 3 - 24 25 | 26 27 -     | 28 29 -        | 30 - 31       | D.B. W.B.    | ry Bulb    | Wet Bulb     | Dew Po |
| 86/ 85           |             |       | - 1   |       |             | • 1  | ) !           | ļ          |         |                | 1        | 1                 | }         | 1           | 1              |               | 1.           | 1          |              |        |
| 84/ 83           |             |       |       | !     |             | •1   | • 1           |            |         | ļi             |          | <u>-</u>          |           |             |                |               | - 6          | 6          |              |        |
| 82/ 81           | .i          | • 1   | - 4   | 1.9   | )           | 2.0  |               | • 1        |         | .]             |          | į                 |           |             |                |               | 130          | 131        |              |        |
| 80/ 79           | 1           |       | 2.7   | 12.5  |             | 5.1  | 1.3           | - 1        |         |                |          |                   |           |             |                |               | 563          | 581<br>594 | 14           |        |
| 78/ 77           | • 1         | - 1   | 3.Z   | 16.3  | 3.7         |  | 1.5           | . 2        |         | ·              | - !      | (                 | 1         |             | ļ              |               | 235          | 243        | 135          | 1      |
| 74/ 73           |             | 1.1   | 1.2   | 7.3   |             | . 2  |               |            |         | <del>-</del>   | <u>i</u> |                   |           |             |                |               | 60           | 62         | 404          | 1      |
| 72/ 71           | .1          | .5    | . 2   | . 3   | 1           | • 2  | ł • 11        |            |         | '              |          | - !               |           | 1           | į              |               | 18           | 18         |              | 30     |
| 70/ 69           | 1           | • 3   | .1    |       | <u> </u>    |  | •             |            |         | <del></del>    | +        | -+                |           |             | -,             |               | 6            | - 6        |              | 3      |
| 68/ 67           | • •         | • -   | •     |       |             | ļ  |               |            |         | ŀ              |          | -                 | !         | !           |                |               | •            | _          | 145          | 29     |
| 66/ 65           |             |       |       |       |             |  | <del> ,</del> |            |         |                |          |                   |           | -           | -+             |               | •            |            | 39           | 11     |
| 64/ 63           |             | i     | - 1   |       |             | ŀ  | } !           |            |         | }              | }        |                   |           | i           | i              |               |              |            | 17           | -      |
| 62/ 61           |             |       |       |       |             |  |               |            |         | 1              | +        |                   |           | <del></del> | -              |               |              |            | 4            |        |
| 60/ 59           | :           |       | ,     |       | į           | į  | ) )           |            |         | 1              | 1        | 1                 |           |             |                |               |              |            |              | - 2    |
| 58/ 57           |             |       |       |       |             |  |               |            |         |                |          |                   |           |             |                |               |              |            |              |        |
| 56/ 55           |             |       |       |       |             |  |               |            |         | L              |          |                   | 1         |             |                |               |              |            |              |        |
| 54/ 53.          |             |       |       |       |             |  |               |            |         |                |          |                   | i         |             |                |               |              |            |              |        |
| 52/ 51           |             | !<br> |       |       |             |  |               |            |         | L              |          |                   |           | <u> </u>    |                |               | <del></del>  |            |              |        |
| UTAL             | . 44        | 3.7   | 3.0   | 32.4  | 30.9        | 14.1   | 4.7           | . 7        | . 1     | li             |          | 1                 |           | 1           | 1              | ļ.            | 1            | 1642       |              | 150    |
| _ <del></del> _i |             |       |       |       |             | Ĺ  | L;            |            |         |                |          |                   |           |             | <del>- i</del> | <del></del>   | 1564         |            | 1564         |        |
| j                |             | 1     | - 1   |       | •           | (  |               | i          |         |                | - 1      | 1                 | l         | 1           | İ              | i             |              |            |              |        |
| +                |             |       | i     |       |             |  |               |            |         | <del> </del> - |          | $\longrightarrow$ |           |             |                |               | ++           |            | <del>-</del> |        |
| 1                | j           |       | - 1   |       | į           |  | ĺ             |            |         | i i            | Ì        |                   |           | 1           |                | -             |              |            |              |        |
|                  | <del></del> | +-    |       |       | <del></del> |  | <del></del>   |            |         | <del></del>    |          | +                 |           |             |                | <del></del> - | <del> </del> |            |              |        |
|                  | -           | i     | į.    |       |             |  | !             | 1          |         | 1 7            |          | 1                 | j         | }           |                | 1             | 1            |            |              |        |
|                  |             |       |       |       |             | <u> </u>   | +             |            |         | ++             |          |                   |           |             |                | <del></del>   | +            |            |              |        |
| 1                | - 1         | 1     | į     |       |             |  | !!            |            |         | 1              | İ        | 1                 |           |             |                |               | 1 1          |            |              |        |
|                  |             |       |       |       |             | <del>                                     </del> | <del></del>   |            |         | ++             | +        |                   | -+        |             | +              |               | +            |            | <del></del>  |        |
| )                | 1           | ì     | }     |       | ļ           | i  |               |            |         | 1              |          | 1                 |           | 1           |                |               | 1            |            |              |        |
|                  |             |       |       |       |             |  |               |            |         |                | -+       |                   |           |             |                |               | 1            |            |              |        |
|                  | [           |       | - (   |       | 1           | (  | 1             |            |         | : 1            | 1        | 1                 |           |             | l              | !             |              |            |              |        |
|                  |             |       |       |       |             |  |               |            |         |                |          |                   |           |             |                |               |              |            |              |        |
|                  |             |       |       |       | <u> </u>    |  |               |            |         |                |          |                   | !         |             |                | !             | ! 1          |            |              |        |
| Element (X)      | Σ           |       |       |       | ž x         |  | X             | <b>"</b> z |         | No. Obs.       |          |                   |           |             |                |               | h Temperatu  | re         |              |        |
| Rel. Hum.        |             | 8390  |       |       | 1137        |  | 72.7          |            |         | 136            |          | * 0 F             | * 32      |             | 67 F           | ₹ 73 F        | ≥ 80 F       | + 93 F     |              | otal   |
| Dry Bulb         |             | 0009  |       |       | 1591        |  | 78.1          |            |         | 164            |          |                   |           |             | 3.0            | 91.6          |              |            |              |        |
| Wet Bulb         |             | 7991  |       |       | 111         |  | 71.4          |            |         | 156            |          |                   |           |             | 19.4           | 33.0          |              | <b> </b>   |              |        |
| Dew Point        |             | 7331  | 243   |       | 1069        | 23   | 68.4          | 3.7        | 04      | 156            | 4        |                   |           |             | 18.6           | 9,6           | S            |            |              | 4      |

# **PSYCHROMETRIC SUMMARY**

|                  |     |             |              |              |                |  |  |  |              |               |         |  |               |  |         |           |             | ,         |              |                | L. 5. T. |
|------------------|-----|-------------|--------------|--------------|----------------|--|--|--|--------------|---------------|---------|--|---------------|--|---------|-----------|-------------|-----------|--------------|----------------|----------|
| Temp.            |     | ,           |              | ,            | r              |  |  |  |              | DEPRE         |         |  | ,             | ,  |         |           |             | TOTAL     |              | TOTAL          |          |
| (F)              | 0   | 1 - 2       | 3 - 4        | 5 - 6        | 7 - 8          | 9 - 10   | 11 - 12  | 13 - 14  | 15 - 16      | 17 - 18       | 19 - 20 | 21 - 22  | 23 - 24       | 25 - 26  | 27 - 28 | 29 - 30   | ≥ 31        | D.B. W.B. | Dry Bulb     | Wet Bulb       | Dew Pa   |
| 88/ 87           |     | 1           |              |              | Į.             |  | - 1  | LI .   |              | 1 1           |         | 1  | }             |  |         |           |             | 1         | 1            |                |          |
| 86/ 85           |     | ı           |              |              | ĺ              | . 3  |  | . 1  | ,            |               |         |  | ł             |  |         |           | i           | 9         | 9            |                |          |
| 84/ 83           |     |             | 1            | . 4          | 1.3            | 1.3  | . 9  |  |              |               |         |  |               |  |         |           |             | 62        | 62           |                |          |
| 82/ 81           |     |             | . 5          | 4.2          | 11.1           | 6.0  | 2.1  |  |              |               |         | -  | ł             |  | -       |           | į           | 380       |              |                |          |
| 80/ 79           |     | . 2         | 3.3          | 11.2         | 14.9           | 8.4  | 2.6  | 7  | . 3          |               |         | <del></del>                                      |               |  |         |           | i — — —     | 652       |              | 3              |          |
| 78/ 77           |     | . 4         |              |              | 6.1            | 3.6  |  |  |              |               |         |  |               |  |         |           |             | 305       |              |                | İ        |
| 76/ 75           |     | 1.0         |              | 1.5          |                |  |  |  |              |               |         | +  |               |  |         |           |             | 99        |              |                |          |
| 74/ 73           |     | . 5         |              |              |                | •  | •  | 1  |              |               |         | 1  |               |  |         |           |             | 33        |              |                | 18       |
| 72/ 71           | .1  |             | . 3          | • 1          |                | <del>                                     </del> | † — —  | $\vdash$   | 1            | <del> </del>  |         | <del>                                     </del> | 1             |  | -       |           | <u> </u>    | 18        |              |                | 28       |
| 70/ 69           | . 1 | 4           |              |              |                |  | i  |  |              |               |         |  |               |  |         |           |             | A         | - 0          | 254            | 27       |
| 68/ 67           |     | •           | V -          | <del> </del> |                |  | t  | <del> </del>                                     |              |               |         |  |               |  |         |           |             |           |              | 109            |          |
| 66/ 65           |     |             |              | !            |                |  |  |  | !            |               |         |  |               | 1  |         |           |             |           |              | 34             |          |
| 64/ 63           |     |             | <del>-</del> | <del></del>  | $\vdash$       | $\vdash$   | <del>                                     </del> | <del>                                     </del> | <del> </del> | <del>  </del> |         | 1  |               | <del>                                     </del> |         |           |             |           |              | 19             |          |
| 62/ 61           |     | 1           | l            | ;            | J              |  |  | 1  |              |               |         |  |               |  |         |           |             |           |              | • •            |          |
| 60/ 59           |     |             |              | -            |                | -  | -  | <del> </del>                                     | t            | $\vdash$      |         | <del> </del>                                     | <del> </del>  | <del>├</del>                                     | -       |           | <del></del> |           |              | -              | 2        |
| 58/ 57           |     |             | Ì            | )            | ]              |  |  |  |              |               |         |  | l             |  | ĺ       |           | 1           | ! :       |              |                |          |
|                  |     | :           | <del></del>  | -            |                |  | <del> </del>                                     | 1  | -            |               |         | -  | -             | <del>                                     </del> |         |           |             |           |              |                | 1        |
| 56/ 55<br>54/ 53 |     | j           | 1            | l            | ĺ              |  | ļ  |  |              | 1 1           |         |  |               |  |         |           | ĺ           |           |              |                | 1        |
| TOTAL            |     | 7 7         | 9 7          | 22.2         | 24 6           | 20 0   | -  | 1.9  |              |               |         | -  | <u> </u>      | -  |         |           |             |           | 1445         |                |          |
| IUIAL            | . 2 | 2.3         | 0.1          | 29.2         | 34.4           | 20.2   | 7 - 4  | 1.4  | .4           | 1             |         |  | l             |  |         |           |             |           | 1645         |                | 156      |
| <del></del>      |     | <del></del> | i —          | -            | <u> </u>       |  | <del> </del> -                                   | <del> </del>                                     | <del></del>  | <del>  </del> |         | <del> </del>                                     | <u> </u>      |  |         |           |             | 1567      |              | 1567           |          |
| į.               |     |             | i            |              |                | 1  | i  |  |              |               |         |  | ŀ             |  |         |           |             |           | İ            |                |          |
|                  |     | -           | -            | <del></del>  |                | <del></del>                                      | ļ. <u></u> .                                     | ļ  |              |               |         | -  |               |  |         |           |             |           |              |                |          |
|                  |     | •           | 1            |              |                |  |  |  |              |               |         |  |               |  | j l     |           |             |           |              |                |          |
|                  |     | ļ           |              |              |                | ļ  | <u> </u>   |  | ļ            |               |         |  |               |  |         |           |             |           |              |                |          |
| i                |     |             | 1            |              | Ì              | 1  | ì  |  |              |               |         |  |               |  |         |           |             |           |              |                |          |
|                  |     |             |              |              |                | <u> </u>   | <u> </u>   |  |              |               |         | <u> </u>   |               |  |         |           |             |           |              |                |          |
| ļ                |     |             | 1            |              | Ì              | [  | İ  |  | 1            |               |         | 1  | 1             |  |         | i         |             |           |              |                |          |
|                  |     | ļ           |              |              |                |  | ļ  | L  | ļ            |               |         | L  |               |  |         |           |             |           |              |                |          |
| ĺ                |     | l           |              |              |                |  |  |  |              |               |         |  |               | 1  |         |           |             | ]         |              |                |          |
|                  |     |             |              |              | L              |  |  | L  | l            |               |         |  |               |  |         |           |             |           |              |                |          |
| į                |     |             | ]            |              |                |  |  |  |              | 1 7           |         |  |               |  |         |           |             |           |              |                |          |
|                  |     |             |              |              | L              |  |  |  | <u> </u>     |               |         | L  |               |  |         |           |             | L         |              |                |          |
|                  |     |             |              |              |                |  |  | ]  |              |               |         |  |               |  |         |           |             |           |              |                |          |
|                  |     |             | <u></u>      | <u> </u>     |                |  |  |  |              |               |         | L  |               |  |         |           |             |           |              |                |          |
| Element (X)      |     | Σχ²         |              |              | z <sub>X</sub> |  | ¥  | ø <sub>₹</sub>                                   |              | No. Ob        |         |  |               |  | Mean N  | lo. of Ho | ours with   | Temperat  | ure          |                |          |
| Rel. Hum.        |     | 791         | 5104         | 1            | 1104           | 46   | 70.5   | 9.1  | 32           | 15            | 67      | ≤ 0  | F             | 32 F   | ≥ 67    | F a       | 73 F        | ≥ 80 F    | ≥ 93 F       | 7              | Total    |
| Dry Bulb         |     |             | 8548         |              | 1304           |  | 79.1   | 2.1  | 16           | 16            |         |  | 1             |  | 93      | .d        | 91.4        | 48.       |              |                | 9        |
| Wet Bulb         |     |             | 7765         |              | 1127           |  | 72.0   |  |              | 15            |         |  |               |  | 90      |           | 41.5        |           | <del>-</del> | 1              | 9        |
| Dew Point        |     |             | 3656         |              | 1075           |  |  | 3.7  |              |               | 67      |  | $\rightarrow$ |  | 70      | :1        | 13.2        |           | <del> </del> | <del>-  </del> | 9        |

AC FORM G-26-5 (OLA) REVISED

## **PSYCHROMETRIC SUMMARY**

21603 JOHNST (IN ISLAND/MACIFIC IS 46-72 JAN MONTH

STATION STATION NAME YEARS PAGE 1 1500-1700

HOURS IL, S. T. I.

|             |     |  |          |              |              | WET      | 0111.0.3   |            | ATUEF    | DEPRES   |         | (E)  |         |           |          |          |              | 70746              |          | TOTAL    |        |
|-------------|-----|--|----------|--------------|--------------|----------|------------|------------|----------|--|---------|--|---------|-----------|----------|----------|--------------|--------------------|----------|----------|--------|
| Temp.       |     |  | -        | T            | 1            |          |            |            |          |  |         |  |         |           |          |          | ,            | TOTAL<br>D.B. W.B. |          | TOTAL    |        |
| (F)         | 0   | 1 - 2  | 3 - 4    | 5 - 6        | 7 - 8        |          |            |            |          | 17 - 18  | 19 - 20 | 21 - 22  | 23 - 24 | 25 - 26   | 27 - 28  | 29 - 30  | + 31         | U.B. W.B.          | Dry Bulb | Wet Bulb | Dew Po |
| 86/ 85      |     | -  | ļ        | ĺ            | i .          | • 1      | • 1        | -1         |          | l i  |         | 1 1  |         | ſ         |          |          | !            | 3                  | 3        |          |        |
| B4/ 83      |     | į. —.  | ļ        | • 2          | . •          | 0        | . <u> </u> |            | ļ        | <b>↓</b>   |         | ļ  |         | l         |          |          | <u> </u>     | . 22               |          |          |        |
| 82/ 81      |     | :  | 5        |              |              |          | 1.3        | _          | İ        |  |         | 1  |         | 1         |          |          | 1            | 178                |          |          |        |
| 80/ 79      |     | • 1  |          |              | 13.1         |          |            | .3         |          |  |         |  |         | <u> </u>  |          |          | L            | 545                |          | - 4      |        |
| 78/ 77      |     | . 8  |          |              | 10.0         | 4.1      | 1.8        | . 4        | . 1      | [  |         | 1  |         | ĺ         | [ ]      |          | 1            | 556                |          | 10       |        |
| 76/ 75      | 1   |  | 3.5      |              |              | 1.1      | .6         | . 2        |          |  |         | L1   |         | İ         |          |          |              | 191                | 207      | 138      |        |
| 74/ 73      | . 1 | . 9  |          |              | .1           |          |            |            |          |  |         |  |         |           |          |          |              | 48                 | 49       | 412      |        |
| 72/ 71      | . 1 | . 3  | .3       | .1           | İ            |          |            |            | ĺ        |  |         |  |         |           | l '      |          | İ            | 13                 | 15       | 521      | 28     |
| 70/ 69      |     | .4   |          |              |              |          |            |            |          |  |         |  |         |           |          |          |              | 7                  | 7        | 309      | 40     |
| 68/ 67      |     | . 2  |          | ]            | j            |          |            |            |          |  |         |  |         |           | [ ]      |          |              | 4                  | 5        | 114      |        |
| 66/ 65      |     | 1  |          |              |              |          |            |            |          |  |         | $\vdash$   |         |           |          |          |              |                    |          | 39       |        |
| 64/ 63      |     | }  | ]        | ]            | j            |          |            |            |          |  |         |  |         |           | \        |          |              | 1 '                |          | 19       |        |
| 62/ 61      |     | <del>                                     </del> |          |              |              |          |            |            |          | <del>                                     </del> |         | f f  |         |           |          |          | <u> </u>     | <u> </u>           |          | 1        | 4      |
| 60/ 59      |     | 1  | }        | }            | ]            |          |            | ļ          | ,        | 1  |         |  |         | !         | ]        |          |              |                    |          | -        | 2      |
| 58/ 57      |     | † <u>-</u>                                       |          | <del> </del> |              |          |            |            |          | 1  |         |  |         |           |          |          | i            |                    |          |          | 1      |
| 56/ 55      |     | I .  | j        | ]            | j            |          |            |            |          |  |         |  |         |           | i i      |          |              |                    |          |          |        |
| 54/ 53      |     | <del> </del>                                     |          | <del> </del> | ļ —          |          |            |            | -        | <del>                                     </del> |         | <del>  </del>                                    |         | -         |          | L        |              | <del> </del>       |          |          |        |
| TUTAL.      | 3   | 3.0  | 13.6     | 29.7         | 30 8         | 15.9     | 5.5        | 1.0        | 1.1      |  |         |  |         | ŀ         |          |          |              |                    | 1645     |          | 156    |
| GTAL.       | • • | 312  | 1        |              | -0.0         | 13.7     | 7.7        | 4.0        |          | 1  |         | <del>                                     </del> |         |           |          |          | <del> </del> | 1567               | 1043     | 1567     |        |
|             |     | 1  |          | !            |              |          |            |            |          | l i  |         | 1  |         | ŀ         |          |          |              | 1501               |          | 1 20 1   |        |
|             |     | <del></del>                                      |          | <del> </del> | <del> </del> |          |            |            | <u> </u> | -+   |         | <del></del>                                      |         | <b></b> - |          |          |              |                    |          |          |        |
| }           |     | 1  | ]        |              |              | 1        |            |            |          |  |         | ļ  |         | 1         |          |          |              |                    | [        |          |        |
|             |     | <del>-</del>                                     | <u> </u> | ļ            | <del></del>  |          |            |            |          |  |         |  |         |           | <b> </b> |          |              |                    |          |          |        |
| 1           |     |  | İ        | Ì            | İ            |          |            |            |          | l i  |         |  |         | 1         |          |          |              |                    |          |          |        |
|             |     | Ļ—-  | <u> </u> |              | ļ            |          |            |            | ļ        |  |         | 1  |         |           |          |          |              |                    |          |          |        |
| 1           |     | 1  | i        |              |              | į '      |            |            |          |  |         |  |         | i         | [ ]      |          |              |                    |          |          |        |
|             |     | L  |          |              |              |          |            | Ĺ          |          |  |         |  |         | <u></u>   |          |          |              |                    |          |          |        |
|             |     | ĺ  |          |              |              |          |            |            | İ        |  |         | j l  |         |           |          |          | ļ            |                    |          | į        |        |
|             |     |  |          |              |              |          |            | <u></u>    |          |  |         | <u></u>  |         |           | ا ـــــا |          |              |                    |          |          |        |
|             |     |  |          |              |              |          |            |            |          |  |         |  |         |           |          |          |              |                    |          |          |        |
| ĺ           |     | 1  | [        | [            | İ            |          |            | ĺ          | 1        | 1 1  |         | 1  |         | i         |          |          | ł            |                    |          |          |        |
|             |     |  |          |              |              |          |            |            |          |  |         |  |         |           |          |          |              |                    |          |          |        |
| 1           |     |  | 1        |              |              | ĺ        |            | ĺ          | ĺ        | 1 1  |         | 1 1  |         | l         | łi       |          | ł            | 1                  |          |          |        |
|             |     | <del>                                     </del> |          | 1            |              |          |            |            | 1        |  |         |  |         |           |          |          | T            |                    |          |          |        |
| ĺ           |     | ĺ  | ĺ        | 1            | 1            |          | Í          | [          | ĺ        | 1 1  |         | 1 1  |         | ł         | 1 1      |          | ì            |                    |          |          |        |
| Element (X) |     | Z X2   |          | <del> </del> | ZX           | <u> </u> | X          | <b>₽</b> , |          | No. Obs  | i. T    | <u> </u>   |         |           | Mean N   | lo. of H | ours with    | Temperat           | lure     |          |        |
| Rel. Hum.   |     |  | 3129     |              | 1134         | 13       | 72.4       | a. ô       | 26       | 150  |         | ± 0 F  | · T .   | 32 F      | ≥ 67     |          | 73 F         | 2 80 F             | ≥ 93 F   |          | Tatal  |
| Dry Bulb    |     | 1007   |          |              | 1287         |          | 78.2       |            |          | 16   |         | U F  | -+-     | . J. I    | 93       |          | 91.5         |                    |          |          | •      |
| Wet Bulb    |     |  | 1716     |              | 1121         |          | 71.5       |            |          | 150  |         |  | +       |           | 89       |          | 33.5         |                    | *        |          | Ť      |
|             |     |  | 4956     |              |              |          |            |            |          |  |         |  | +       |           |          |          |              |                    | +        |          | 9      |
| Daw Point   |     | 730  | 7730     | 7            | 1072         | 04       | 68.5       |            | 0 T      | 150  | 97 I    |  | - 6     |           | 69       | • =      | 9,9          | 1                  | l        |          | 7      |

USAFETAC FORM 0.26-5 (OLA) IEVISED REVIOUS EDITIONS OF THIS FORM

## **PSYCHROMETRIC SUMMARY**

21603 JUHNSTON ISLAND/PACIFIC IS 46-72 1800-2000 HOURS (L. S. T.) PAGE 1

| Temp.       |     |             |  |  |        |          |        |        |      |              |        |        |        |        | SSION  |        |      |  |     |        |        |        |       |              |        | TO     |       |        | TOTA      |      |         |
|-------------|-----|-------------|--|--|--------|----------|--------|--------|------|--------------|--------|--------|--------|--------|--------|--------|------|--|-----|--------|--------|--------|-------|--------------|--------|--------|-------|--------|-----------|------|---------|
| (F)         | 0   | 1 - 2       | 3 - 4  | 5 - 6  | 7      | 7 - 8    | 9 - 10 | 11     | - 12 | 13 -         | 14     | 15 - 1 | 6 17   | - 18   | 19 - 2 | 20 21  | . 22 | 23 -   | 24  | 25 - 2 | 26 2   | 7 - 28 | 29    | - 30         | ≥ 31   | D.B.   | W.B.  | Dry Bu | lb Wet Bu | IP D | ew Poin |
| 82/ 81      |     |             |  |  | 1      | .1       |        | T      |      |              |        |        | 1      |        |        |        |      |  |     |        | 7      |        |       |              |        | 1      | 1     |        | 1         | 1    |         |
| 80/ 79      |     | • 1         | 1.0  | 0 1.   | 3      | . 3      |        | 3      | _    |              |        |        | 1      | 1      |        |        |      | (  | l   |        | 1      |        | 1     |              |        |        | 44    | 4      | 4         | 1    |         |
| 78/ 77      |     | 1.7         | 10.  | 120.   | 1      | 7.0      | •      | 7      | • 1  |              |        |        |        |        |        |        |      |  | 7   |        |        |        |       |              |        | 1      | 533   |        |           | 3    |         |
| 76/ 75      | .1  | 3.3         | 11.0   | 016.   | 4      | 9.7      | 2.     | 2      | .6   | 1            | . 2    |        |        | )      |        | i      |      |  | Ì   |        |        |        | 1     |              |        | (      | 583   | 73     | 4 :       | 59   | 22      |
| 74/ 73      | . 1 | 1.8         | 3.   | 2.   | 5      | 1.3      | 1.     | 4      | . 3  |              |        |        |        |        |        |        |      |  | 7   |        | 1      |        |       |              |        | 1      | 170   | 18     | 9 29      | 78   | 89      |
| 72/ 71      |     | .6          |  | 5 .  | 6      |          |        |        |      | ļ            | - {    |        | į      | ł      |        | - {    |      | }  | - } |        | 1      |        | ł     |              |        |        | 28    | 2      | 9 54      | 1    | 289     |
| 70/ 69      |     | .6          | •  | 3  | 7      |          |        | 1      |      |              | 7      |        |        |        |        |        |      |  | -1  |        | 1      |        | T     |              |        |        | 9     |        | 9 4       | 6    | 410     |
| 68/ 67      | . 1 | j           |  |  |        |          |        |        |      |              |        |        |        | - 1    |        | 1      |      |  |     |        |        |        |       |              |        | ļ      | 2     |        | 2 1       |      | 372     |
| 66/ 65      |     |             |  | T  | $\top$ |          |        | T      |      |              |        |        |        | $\neg$ |        | T      |      | _  |     |        | 1      |        |       |              |        | ;      |       |        |           | 53   | 191     |
| 64/ 63      | į   |             | ļ  |  | 1      |          |        | -      |      | i            | 1      |        |        | 1      |        |        |      | )  |     |        | 1      |        |       |              |        | 1      |       |        |           | 21,  | 108     |
| 62/ 61      |     |             |  |  | 7      |          |        |        |      |              |        |        |        | 7      |        | $\top$ |      |  |     |        |        |        | T     |              |        | -      |       |        |           | 6    | 39      |
| 60/ 59      |     | ]           |  |  | -}     |          |        |        |      | ]            | - [    |        |        | - 1    |        | - 1    |      | 1  | - 1 |        | -      |        | ì     |              |        | }      |       |        | j.        |      | 23      |
| 58/ 57      |     |             |  | 1  | 1      |          |        |        |      |              |        |        | $\top$ |        |        | 7      |      |  | 7   |        | $\top$ |        | 1     |              |        | 7      |       |        |           |      | 1:      |
| 56/ 55      |     | ." •        |  | 1  | }      |          |        | 1      |      | )            | - 1    |        | )      | - 1    |        |        |      | l  |     |        | 1      |        | 1     |              |        | 1      |       |        |           |      | 8       |
| 54/ 53      |     |             |  | <del>                                     </del> | 1      |          |        | $\top$ |      |              |        |        | 1      |        |        | 1      |      | 1  |     |        |        |        |       |              |        | 7-     |       |        |           |      | 3       |
| TOTAL       | . 3 | 7.7         | 26.6   | 640.   | 91     | 8.9      | 4.     | 5      | 1.0  |              | . 2    |        |        | }      |        | 1      |      |  | - 1 |        |        |        | İ     | į            |        | İ      |       | 164    |           |      | 1570    |
|             |     | !           |  |  | 1      |          |        | 1      |      | $\Gamma$     | 7      |        |        |        |        | 1      |      |  | 7   |        | 1      |        | T     |              |        | 1      | 570   |        | 15        | ra T |         |
|             |     |             |  | }  |        |          |        | 1      |      | }            |        |        | 1      | i      |        | ł      |      | ĺ  | - { |        |        |        | }     |              |        | }      |       |        | 1         | - 1  |         |
|             |     |             |  |  | 1      |          |        | 1      |      |              |        |        | 1      |        |        | T      |      |  | 7   |        | $\top$ |        |       |              |        | T-     |       |        |           |      |         |
| i           |     |             | i  | 1  |        |          |        | 1      |      |              | - 1    |        |        | İ      |        | i      |      | ĺ  |     |        | 1      |        |       |              |        | 1      |       |        |           | :    |         |
|             |     |             |  |  | 1      |          |        |        |      |              | 7      |        | _      |        |        | 1      |      | 1  | 7   |        | 1      |        |       |              |        | 1      |       |        |           |      |         |
|             |     | i<br>i      |  |  |        |          |        | -      |      | (            |        |        |        | ĺ      |        | ļ      |      | ļ  | - { |        | -      |        | j     |              |        | 1      |       |        | }         | 1    |         |
|             |     | i           |  | 1  | +      |          |        | 1      |      |              | $\neg$ |        | 1      |        |        |        |      |  | 7   |        | $\top$ |        | 1     |              |        | 1      |       |        | 1         | -    |         |
|             |     |             |  | 1  |        |          |        | í      |      |              |        |        |        |        |        |        |      | l  | 1   |        | -      |        |       |              |        | ĺ      |       |        |           |      |         |
|             |     | ١           | 1  | 1  | 1      |          |        | T      |      | T            |        |        | +-     |        |        |        |      |  | 7   |        | 1      |        | 1     |              |        |        |       |        | 1         |      |         |
|             |     | i           | ĺ  |  |        |          | 1      | -      |      |              | - {    |        | - (    | İ      |        | - }    |      | ł  | - [ |        | 1      |        | 1     |              |        | 1      |       |        | 1         | - 1  |         |
|             |     | ·           | <del>                                     </del> |  | 7      |          |        | $\top$ |      | 1            | _ †    |        |        |        |        |        |      | <del>                                     </del> | 7   |        | +      |        |       |              |        | 1      |       |        |           |      |         |
|             |     |             |  |  |        |          | ĺ      |        |      | ĺ            |        |        |        | - 1    |        | - {    |      | ł  |     |        | - (    |        | 1     |              |        | 1      |       | -      |           | i    |         |
|             |     |             | <del>                                     </del> | 1  | +      |          |        | +      |      | <u> </u>     | _      |        | +-     |        |        |        |      | _  |     |        | $^{+}$ |        | †     |              |        | +-     |       |        |           | -+-  |         |
|             |     | i           | 1  | {  | 1      |          | }      |        |      | 1            |        |        |        | 1      |        | ì      |      | 1  |     |        | İ      |        |       |              |        | 1      |       |        |           |      |         |
|             |     | <del></del> | 1  | +  | +      |          |        | +      |      | 1            | -      |        | 1      |        |        |        |      | 1  | -+  |        | +      |        |       |              |        | 1      |       |        | +         | -+-  |         |
| 1           |     | l           |  |  |        |          | 1      |        |      |              | - [    |        |        |        |        | [      |      | 1  |     |        | 1      |        |       |              |        |        |       |        | 1         | 1    |         |
|             |     |             | <del> </del>                                     | +  | +      |          |        | +-     |      | <del> </del> | -      |        |        |        |        | +      |      | 1  | -+  |        | +-     |        | 1     | 1            |        | +      |       |        |           | -+-  |         |
| {           |     | ļ           |  | 1  | 1      |          | 1      |        |      |              | )      |        | 1      | Ì      |        | Ì      |      |  |     |        |        |        |       |              |        |        |       |        |           |      |         |
| Element (X) |     | Σχ²         |  | 1  | Z      | <u> </u> | Ψ.     | X      |      | 1            | - F    | T      |        | о. Оь  | •.     | ┪      |      |  |     |        | -      | Mean   | No. o | of He        | urs wi | th Ten | perat | ure    |           |      |         |
| Rel. Hum.   |     |             | 288  | 0  | 1      | 212      | 48     |        | 7.2  | 7            |        | 49     |        | 15     | 70     | 1-     | = 0  | F  | •   | 32 F   | T      | ≥ 67   | 7 F   |              | 73 F   | 1.1    | 10 F  | . 9    | 3 F       | To   | tal     |
| Dry Bulb    |     |             | 249  |  | i      | 250      | 65     | 7      | 6.0  | 1            | .5     | 86     |        | 16     |        | 1      |      |  |     |        | 7      |        | 0.0   |              | 90.    | 7      | •     |        |           |      | 93      |
| Wet Bulb    |     |             | 161  |  | i      | 711      | 02     | 7      | 0.0  | 2            | .4     | 49     |        | 15     | 70     | +-     |      |  |     |        | 7      |        |       |              | 21.    |        |       | 1      |           |      | 91      |
| Dew Point   |     |             | 410  |  |        | 071      |        |        | 1.3  |              | • 4    |        |        |        | 70     | +      |      | +  |     |        | -+-    |        | 7.1   | <del>-</del> |        |        |       | +      |           |      | 91      |

USAFETAC FORM 0-26-5 (OLA)

# **PSYCHROMETRIC SUMMARY**

21603 JUHNSTON ISLAND/PACIFIC IS

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2100-2300 HOURS IL. S. T.) PAGE 1

| Temp.      |     |          |            |              | T -         |               |                             |         | TEMPER   |         |              |              |          |  |     |        | _            |        |            |          | TOTAL        |            | TOTAL    | ·        |
|------------|-----|----------|------------|--------------|-------------|---------------|-----------------------------|---------|--|---------|--------------|--------------|----------|--|-----|--------|--------------|--------|------------|----------|--------------|------------|----------|----------|
| (F)        | 0   | 1 - 2    | 3 - 4      | 5 - 6        | 7 - 1       | 3 9           | - 10                        | 11 - 12 | 13 - 14  | 15 - 16 | 17 - 18      | 19 - 20      | 2' - 2   | 2 23 -   | 24  | 25 - 2 | 6 27         | 7 - 28 | 29 -       | 30 > 31  | D.B. W.B.    | <u>-</u>   | Wet Bulb | Dew Poi  |
| 50/ 79     |     | ١        |            | 1            | •           | 1             |                             |         |  |         |              |              |          |  | - 1 |        |              |        |            |          | 445          | _ 3        |          | l<br>I   |
| 78/ 77     |     | 1.8      | 0.0        | 14.          | 2 3.        | 9             | $\frac{\cdot 2}{1 \cdot 7}$ |         |  |         | <u> </u>     | ₩            |          | -  | 4   |        | ╀            |        |            |          | 445          | 452<br>871 |          |          |
| 76/ 75     | • 1 | 3.6      | 10.        | 420.         | 1 (.        | 1             | <u>: - 1</u>                |         |  |         | 1            | ŀ            | ŀ        |  | -   |        | 1            |        |            | ŀ        | 821          | 871        | 55       |          |
| 74/ 73     | . 3 | 2.0      | 4.         | 420.<br>4 3. | 3 3.        | 1             | 1 - 7                       | - • 4   |  |         |              | <b>⊥</b>     | ļ        | ļ  |     |        | ┸            |        |            |          | 238          |            | 258      |          |
| 72/ 71     | . 2 |          |            | 4 • '        | •           | 4             | • 1                         | - 1     | 1  |         |              | İ            |          |  |     |        | 1            |        | ĺ          | ĺ        | 57           | 60         |          | 26       |
| 70/ 69     |     | • 3      | <u> </u>   |              |             | _             |                             |         |  |         | -            | <u> </u>     |          |  |     |        | 1            |        | L          |          | 4            |            | 409      |          |
| 68/ 67     |     | ŀ        | 1          |              |             |               |                             |         | 1  |         | İ            |              | ĺ        |  |     |        |              |        |            | İ        |              |            | 187      | 34       |
| 66/ 65     |     |          | ļ          | -            | -           | $\rightarrow$ |                             |         | <del>                                     </del> |         | ļ            | ļ            | ļ        |  | _   |        | ┵            |        |            |          |              |            | 67       | 19       |
| 64/ 63     |     | 1        | 1          | i            |             |               |                             |         |  |         |              | l            |          |  |     |        | 1            |        |            | - 1      |              |            | 24       |          |
| 62/61      |     |          | <u> </u>   |              |             | _             |                             |         | 1  |         | ļ            | <b></b>      |          | ┷-   | _   |        | _            |        |            |          | 4            |            | 6        |          |
| 60/ 59     |     |          | -          |              |             |               |                             |         |  |         |              |              |          |  |     |        |              |        |            |          |              |            |          | 2        |
| 58/ 57     |     |          | <b> </b>   | <del> </del> | ₩           | _             |                             |         |  |         |              | —            |          | <b>↓</b>   | _   |        | 4            |        | L          |          |              |            |          | 1        |
| 56/ 55     |     |          |            |              |             | İ             | -                           |         |  |         |              |              |          |  |     |        |              | !      |            |          |              | :          | 1        |          |
| 54/ 53     |     | 45 6     | - 1        |              |             | <u> </u>      |                             |         | 1  |         |              | Ь_           | ļ        | 1  | ļ   |        | 4.           |        |            |          |              |            |          |          |
| DTAL       | .0  | 8.5      | 32.1       | 38.          | 14.         | 9             | 3.9                         | 1.0     | 1  |         |              |              |          |  |     |        | 1            |        |            |          |              | 1645       |          | 156      |
|            |     |          | <u></u> -  | 1            | ļ           |               |                             |         |  |         | ļ            | ļ            |          | ļ  | _   |        | 4            |        |            |          | 1568         |            | 1568     |          |
|            |     |          |            |              | 1           |               |                             |         |  |         | 1            |              |          |  |     |        | i            |        |            |          |              |            |          |          |
|            |     |          |            | -            | 1           | 4             |                             |         |  |         | ļ            | <b>├</b> ──  | <u> </u> | <b>_</b>   | _   |        | 4            |        |            |          |              |            |          |          |
| j          |     | İ        |            |              |             | - ]           |                             |         |  |         |              | ł            |          |  |     |        | ļ            |        |            |          |              |            |          |          |
|            |     |          | <b>├</b> ─ | ļ            | 4           |               |                             |         | <b></b>  |         | ļ            | <u> </u>     |          |  | _   |        | +            |        |            |          | <u> </u>     |            |          |          |
|            |     |          |            |              |             |               | 1                           |         | i l  |         | ł            |              |          | 1  |     |        | ı            |        |            |          |              |            |          |          |
|            |     |          | <b>├</b>   | <u> </u>     | ļ           |               |                             |         | ļ  |         | <del> </del> | <u> </u>     | <u> </u> | —  | 4   |        | ┿-           |        |            |          |              |            |          |          |
|            |     |          |            | 1            |             |               |                             |         | 1  |         |              |              |          |  |     |        | 1            |        | 1          |          |              |            |          |          |
|            |     |          |            | J            | -           | <u> </u>      |                             |         | 1  |         | ļ            | ļ            |          |  |     |        | 1            |        |            |          | ļ            |            |          |          |
|            |     |          |            | 1            | -           |               |                             |         |  |         |              |              |          |  |     |        |              |        |            |          |              |            |          |          |
|            |     |          |            |              | ļ           |               |                             |         |  |         | <b>_</b>     | <u> </u>     |          | 1  | _   |        | $\downarrow$ |        |            |          |              |            |          |          |
| j          |     |          |            |              | 1           |               | }                           |         |  |         |              |              |          |  | i   |        | }            |        |            |          | İ            |            |          |          |
|            |     |          | <b></b>    |              | +           | $\perp$       |                             |         | $\vdash$   |         | <u> </u>     | <b></b>      |          | <del>                                     </del> | _   |        | $\perp$      |        |            |          | ļ            |            |          |          |
|            |     |          |            |              |             |               |                             |         |  |         |              | 1            |          |  | - } |        |              |        |            |          | 1            |            |          |          |
|            |     | <u> </u> |            | -            | ļ           |               |                             |         | ↓  |         | <u> </u>     | <del> </del> |          | 4  | _   |        | 4            |        |            |          |              |            |          |          |
|            |     |          | -          |              | 1           |               |                             |         |  |         |              | 1            |          |  |     |        |              | 1      |            |          | 1            |            |          |          |
|            |     | L        | <b>-</b>   |              | <del></del> | $\perp$       |                             |         | <b></b>  |         | <u> </u>     | <b> </b>     |          | _  | _   |        | 1            |        |            |          | <u> </u>     |            |          |          |
|            |     |          |            |              |             |               | 1                           |         |  |         |              |              |          |  |     |        | 1            |        |            |          |              |            |          |          |
| lement (X) |     | Σχ²      |            | +            | ZX          | -1-           | <del>   </del>              | X       | ₹ Pg   |         | No. O        | )s. T        | L        | 1  |     |        | M            | lean N | la. of     | Hours w  | ith Temperat | ute        |          |          |
| Rel. Hum.  |     |          | 112        | 7            | 122         | 71            |                             |         | 7.8  | ۸3      |              | 168          | = 0      | F  |     | 32 F   | Τ̈́          | ≥ 67   |            | ≥ 73 F   | ≥ 80 F       | 2 93 1     | .        | Tatal    |
| bry Bulb   |     | 939      | 233        |              | 124         |               | Á                           | 75.4    | 1,4  | 74      |              | 45           |          |  |     |        | +            | 93     |            | 89.      |              | + - 73 '   |          |          |
| Vet Bulb   |     | 782      | 326        | <del>}</del> | 110         |               | ă                           | 70.4    | 2.4  | 18      | - 17         | 168          |          | -+   |     |        | +            |        |            | 18.      |              | +          | _        | - 7      |
| Dew Point  |     |          | 051        |              | 106         |               |                             | 48.     | 2.4  | 1 4     | 11           | 68           |          | -+   | _   |        | +-           | 68     |            | 10.      |              | +          |          | 9        |
|            |     | 1 4 1    | A-1.       |              | IVO         | 73            |                             | V V • 6 |  | -       | نہ           | 79           |          |  |     |        | 1_           | 99     | <u>• 7</u> | <u> </u> | <u> </u>     |            |          | <u> </u> |

2

USAFETAC FORM 0-26-5 (OLA) REVISED REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOHNSTON ISLAND/PACIFIC IS 46=72

## **PSYCHROMETRIC SUMMARY**

PAGE 1

FEB

0000-0200

WET BULB TEMPERATURE DEPRESSION (F)
TOTAL
1 . 2 | 3 - 4 | 5 - 6 | 7 . 8 | 9 . 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 . 20 | 21 - 22 | 23 . 24 | 25 - 26 | 27 . 28 | 29 . 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 80/ 79 78/ 77 76/ 75 74/ 73 - 1 .2 2.8 5.2 1.8 3.022.925.0 6.8 1.9 8.4 8.7 5.1 .8 1.0 .9 .3 .3 .3 .2 150 903 402 49 2.1 : 1 : 5 398 148 536 456 72/ 71 70/ 69 49 200 442 13 221 68/ 67 361 95 23 64/ 63 204 135 58 62/61 36 58/ 57 10 56/ 55 54/ 53 TOTAL .3 6.235.440.014.0 3.4 1519 1489 1489 1489

Element (X) No. Obs. Mean No. of Hours with Temperature 78.2 7.503 75.0 1.365 70.0 2.265 67.6 3.230 9185479 116415 1489 ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. ≤ 0 F ≤ 32 F ≥ 93 F 8541054 7299117 113884 84.0 77.0 1319 80.6 84 Dry Bulb Wet Bulb 84 100614 1489

õ 0.26.5 12

## **PSYCHROMETRIC SUMMARY**

JOHNSTON ISLAND/PACIFIC IS 46-72 FEB 0300-0500 HOURS (L. S. T.) PAGE 1

|             |     |       |          |  |                | _  |  |              |         |  |      |         |             |              |              |          |          |               |      |              | L. S. T.)      |
|-------------|-----|-------|----------|--|----------------|--|--|--------------|---------|--|------|---------|-------------|--------------|--------------|----------|----------|---------------|------|--------------|----------------|
| Temp.       |     |       |          | -  | т              |  |  |              |         | DEPRESS  |      |         | <del></del> |              |              |          |          | TOTAL         |      | TOTAL        | 12             |
| (F)         | 0   | 1 - 2 | 3 - 4    |  | 7 - 8          | <del></del>                                      | -  |              |         | 17 - 18 19                                       | - 20 | 21 - 22 | 23 - 24     | 25 - 26      | 27 - 28      | 29 - 30  | > 31     | D.B. W.B.     |      |              | Dew Par        |
| 78/ 77      |     | . 1   |          | 4 1 . 5  |                | • 1  |  |              | ļ       |  |      |         |             | ŀ            | 1            |          |          | 54            |      |              | 1              |
| 76/ 75      | - 1 | 3.4   | 22.      | 124.6  | 5.2            | .6   |  |              | <u></u> | <b></b>  |      |         |             |              | L            |          |          | 834           | 857  |              |                |
| 74/ 73      | )   | 3.3   | 10.      | B10.1  | 6.4            |  |  | j            | J       |  | J    |         |             |              |              |          |          | 500           | 507  |              | 3,             |
| 72/ 71      |     | 1.5   | 1.       | 5 1.5  | . 7            |  |  |              |         |  |      |         |             |              |              |          |          | 82            | 82   |              |                |
| 70/ 69      | . 1 | . 2   | • •      |  |                |  |  |              |         | 1  |      |         |             |              |              |          |          | 17            | 17   |              | 410            |
| 68/ 67      |     |       |          | 1  | l.             |  |  |              |         |  |      |         |             |              |              |          |          | 2             | 2    |              | 373            |
| 66/ 65      | 1   |       |          |  | }              | }  |  | l'           |         |  |      |         |             |              | 1 1          |          | }        | 1             |      | 121          | 233            |
| 64/ 63      |     |       |          |  |                |  |  |              | l       |  |      | _       |             |              |              |          | l        |               |      | 27           | 120            |
| 62/ 61      |     |       |          |  |                |  |  |              |         |  |      |         |             |              |              |          |          |               |      |              | 8:             |
| 60/ 59      |     |       |          |  |                |  |  |              | ļ       |  | 1    |         |             |              |              |          |          |               |      |              | 34             |
| 58/ 57      |     |       |          |  | 1              |  |  | i i          |         |  |      |         |             |              | 1            |          |          |               |      |              | 16             |
| 56/ 55      |     |       |          | i  |                | 1  | 1  |              | !<br>!  | ļ  |      |         |             |              | 1            |          |          | 1             |      |              |                |
| 54/ 53      |     |       |          | <del>                                     </del> | †              | <del>                                     </del> | <del> </del>                                     | -            |         | <del>                                     </del> |      |         |             |              |              |          |          |               |      |              | 1 2            |
| TOTAL       |     | 8.5   | 36.      | 338.   | 12.5           | 3.3  | - 6  | . 1          | ļ       |  | į    |         |             | }            | 1            |          |          | ! !           | 1519 | l            | 1489           |
|             |     |       |          |  |                |  | 1  |              |         |  |      |         |             | <del> </del> |              |          | <u> </u> | 1489          |      | 1489         |                |
|             | 1   |       |          | 1  | 1              |  |  | 1            |         | 1 1  |      |         |             |              |              |          |          |               |      |              | 1              |
|             |     |       |          | +  | +              |  |  | ├            |         | ++   | _    |         |             |              | <del> </del> |          | _        | <del> </del>  |      | <del></del>  |                |
|             | Ì   |       |          | -  |                |  |  | 1            | 1       |  |      |         |             | }            |              |          | ļ        | ) !           |      | j            |                |
|             |     |       |          | +  | +              | <del> </del>                                     | <del>                                     </del> | <del> </del> |         | <del>                                     </del> | _    |         |             |              |              |          |          | <del>  </del> |      |              | <del>! -</del> |
| !           | -   |       | İ        | 1  |                | !  |  |              |         |  |      |         |             | İ            | i l          |          |          |               |      |              | 1              |
|             |     |       |          | <del></del>                                      | <del></del>    | ļ  | <del></del>                                      | -            |         | <del></del>                                      | -    |         |             |              |              |          |          | <del> </del>  |      | <del> </del> |                |
|             | i   |       |          |  | i              | 1  | 1  | !            | l       | 1 1  |      |         | 1           | !            | 1 1          |          | l        | 1 1           |      | ł            |                |
| <del></del> |     |       | <u> </u> | <del></del>                                      | <del> </del> - | <del> </del>                                     | <del> </del>                                     | <del></del>  |         | <del>├</del> ──┼                                 |      |         |             | ļ            |              |          | ļ        |               |      | <del> </del> |                |
| ł           | ļ   |       |          | İ  | 1              |  |  |              |         | 1 1  | ļ    |         |             |              | 1            |          | ]        |               |      | 1            | ł              |
|             |     |       | <u> </u> |  | ļ              |  | <u> </u>   | ļ            |         |  |      |         |             |              |              |          | ļ        | <b>-</b>      |      |              | <u> </u>       |
| 1           |     |       | ĺ        | 1  | ĺ              | 1  | ĺ  |              | ĺ       |  |      |         | ĺ           | 1            | 1 1          |          | í        | 1 1           |      | ĺ            | ĺ              |
|             |     |       | L        | 1  | <u> </u>       |  | ļ  |              |         |  |      |         |             |              |              |          |          |               |      |              |                |
| į           |     |       | 1        |  | 1              |  |  |              |         |  |      |         |             |              |              |          | ŀ        |               |      | 1            |                |
|             |     |       |          |  | <u> </u>       |  |  |              |         | <u>L</u>   |      |         |             |              | L            |          |          |               |      |              | L              |
|             |     |       |          |  |                |  |  |              |         |  |      |         |             |              |              |          |          |               |      | ĺ            |                |
|             |     |       | L        |  |                |  | L  |              |         |  |      |         |             | L            |              |          |          |               |      |              |                |
|             |     |       |          |  |                | [  |  |              |         |  |      |         |             |              |              |          |          |               |      | !            |                |
|             |     | i     |          | 1  |                | 1  | 1  | 1            | 1       |  |      |         |             | Į            | ] ]          |          |          |               |      | 1            | 1              |
|             | -   |       |          | 1  |                |  |  |              |         |  |      |         |             |              |              |          |          |               |      |              |                |
|             |     |       |          |  |                |  |  |              |         |  |      |         |             |              |              |          |          |               |      |              | 1              |
| Element (X) |     | Ż X 2 | -        |  | ZX             |  | X  | <b>€</b> X   |         | No. Obs.   |      |         |             |              | Mean N       | lo. of H | ours wit | h Temperat    | Ure  |              |                |
| Rel. Hum.   |     |       | 317      |  | 116            | 191  | 78.5   | 7.0          | 41      | 148  | 9    | ≤ 0 1   | F :         | 32 F         | ≥ 67         |          | 73 F     | ≥ 80 F        | e 93 | F            | Total          |
| Dry Bulb    |     |       | 882      |  | 1131           | 34   | 74.6   | 1.3          | 75      | 151  |      |         |             |              | 84           | . d      | 78,4     | 1             | 1    |              | 84             |
| Wet Bulb    |     |       | 577      |  | 103            |  |  | 2.1          |         | 148  |      |         |             |              | 75           |          | 6.1      |               | T    |              | 8              |
| Dew Point   |     |       | 740      |  | 1002           |  | 67.1   |              |         | 148  |      |         | -+-         |              | 36           |          | 1.6      |               | +    |              | 8.             |

USAFETAC FORM 0.26-5 (OLA)

21603 JOHNSTON ISLAND/PACIFIC IS 46-72

# **PSYCHROMETRIC SUMMARY**

| STATION          |           |  |  | 5  | TATION N   | AME  |              |          |  |  |  |              |          | Y            | EARS   |              |  |                |              | MON      | TH     |
|------------------|-----------|--|--|--|--|--|--------------|----------|--|--|--|--------------|----------|--------------|--|--------------|--|----------------|--------------|----------|--------|
|                  |           |  |  |  |  |  |              |          |  |  |  |              |          |              |  |              |  | PAG            | E 1          | HOURS IL |        |
| <del></del>      |           |  |  |  |  |  |              |          |  |  |  |              |          |              |  |              |  | 7              |              |          |        |
| Temp.            |           | ,  | T  |  |  |  |              |          |  | EDEPRE   |  |              |          |              | T  |              |  | TOTAL          | Dry Bulb     | TOTAL    |        |
| (F)              | 0         | 1 - 2  | 3 - 4  | 5 - 6  | 7 - 8  |  |              | 13 - 14  | 15 - 16  | 17 - 18  | 19 - 20  | 21 - 22      | 23 - 24  | 25 - 26      | 27 - 28  | 29 . 30      | 231  | 4              |              | WET 0010 | Dew Fo |
| 60/ 79           |           |  | .3   | 1  |  | _  |              | ١.       | ł  |  |  | 1            |          | l            |  | l            | i  | 17             |              |          |        |
| 78/ 77           |           | 3  |  | 8.5  |  |  | 1            | 1        | <del> </del>                                       | +  |  |              |          | <b> </b>     |  | ļ <u>.</u>   | <del></del> -                                    | 282<br>727     |              |          |        |
| 76/ 75           |           | 2.4  | 10.9   | 20.5   | 7.1  | 1.5  |              |          | 1  | 1  | 1  | 1            |          | ļ            | 1  |              | 1  | 382            |              |          | 5      |
| 74/ 73<br>72/ 71 |           |  |  | 1.1  | 5.5  |  |              |          | <del> </del>                                       |  | <del> </del>                                     | <del> </del> | <u> </u> | <del></del>  | <del> </del>                                     |              | <del></del>                                      | 73             |              |          | 18     |
| 70/ 69           | .1        |  | 1  |  | l .  |  | • 1          |          | 1  |  | ł  | 1            |          | }            | ļ  | ļ            |  | 1 3            | ( )          | 464      | 37     |
| 68/ 67           | <u>•1</u> | - 1  | . 1  | • 1  | • •  | <b> </b> -                                       |              |          | ├  |  |  |              |          |              | <del> </del> -                                   | }            |  |                |              | 220      | 38     |
|                  |           | 1  |  | Ì  | ł  | Ì  | }            |          | ł  | } .  | ł  | }            |          | ļ            | }  | 1            | }  |                |              | 112      | 21     |
| 66/ 65           |           |  |  | ┼  | ├  | <del> </del> -                                   |              |          | <b>├</b>   |  | <del></del>                                      |              |          | <del> </del> |  | <del> </del> | <del>}</del>                                     | <del> </del>   | <del> </del> | 25       |        |
|                  |           | Ì  | t  | 1  | ł  | {  |              |          | }  | 1  | ł  | )            |          |              | )  |              | 1  | 1              |              | 11       | 17     |
| 62/61            |           | <del> </del>                                     | +  | <del> </del>                                     | <del> </del>                                     |  | <del> </del> | <u> </u> | <del> </del>                                       | +  |  | <del> </del> |          | <del> </del> | <del> </del>                                     | <del> </del> | <del> </del> -                                   | <del> </del>   | <del></del>  | - 4      |        |
| 58/ 57           |           | (  | -  | 1  | 1  | }  |              |          |  | }  | )  | }            |          | )            |  |              |  |                | 1 1          |          | i      |
| 56, 55           |           |  | <del> </del> -                                   | <del> </del> -                                   | <del> </del>                                     | <del> </del>                                     | <del> </del> |          | <del> </del>                                       | <del></del>                                      |  |              |          |              | <del> </del>                                     | <del> </del> | +  | <del> </del>   |              |          |        |
| 54/ 53           |           | ł  |  | 1  |  | 1  | 1            |          | )  | 1  | )  | }            | ļ        | )            | }  |              |  |                | ĺ            | İ        |        |
| UTAL             |           | 5.2  | 32.6   | 38.2   | 17.8   | 5.0  | .9           | • 1      | <del>}</del>                                       |  | <del>}</del>                                     | <del> </del> | }        | <del> </del> | <del>                                     </del> |              | <del> </del>                                     | +              | 1519         |          | 148    |
| STAL             | • •       | 7.0  |  |  |  | ]  | 1            | • •      | 1  |  | ļ  | ) !          |          | )            | ]  |              |  | 1489           |              | 1489     |        |
|                  |           | <del></del>                                      | <del> </del>                                     | <del> </del>                                     | <del> </del> -                                   |  | <del> </del> |          |  | +  |  | <del> </del> |          |              | <del> </del>                                     | <del> </del> | 1  | 1707           |              | 1407     |        |
|                  |           |  | }  | 1  | i i  | }  |              | ,        | }  |  | ļ  | ]            |          | ]            | l  | 1            | [  |                | i :          | i        |        |
|                  |           | <del>i</del>                                     |  | <del> </del>                                     | 1  |  |              |          | <del> </del>                                       |  | <del>                                     </del> | <del> </del> |          | <del> </del> | <del> </del>                                     | <del> </del> | <del> </del>                                     | <del></del>    |              |          |        |
|                  |           | Ì  | 1  |  |  | ļ  |              | )        | 1  |  | )  | }            | ,        | ļ            | }  | [            | ĺ  |                | ĺ            |          |        |
|                  |           |  | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | †            |          | <del>                                     </del>   | <del>                                     </del> |  | <del> </del> |          |              | <del></del>                                      | <del> </del> | <del>                                     </del> | <del> </del>   |              |          |        |
| 1                |           |  | 1  | }  | 1  |  |              |          |  | -  | ļ  | 1            |          |              | İ  |              |  |                | 1            | ł        |        |
|                  |           |  | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del> |          | <del>                                     </del>   | 1  | <del>                                     </del> |              |          |              |  |              | 1  | +              | <u> </u>     |          |        |
| 1                |           |  |  | ı  | }  |  |              |          | ì  | }  | 1  | [ '          |          | {            | ĺ  | {            | (  |                | 1 1          |          |        |
|                  |           |  | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |  | †            |          | T  | +  |  |              |          |              | <del>                                     </del> | <del> </del> | +  | <del> </del>   |              |          |        |
|                  |           | j  | 1  |  | 1  |  |              | ,        |  |  |  | {            |          | [            |  | 1            | 1  |                | 1 1          | }        |        |
|                  |           |  | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |  | t            |          |  | 1  |  | <u> </u>     |          |              |  |              | <b> </b>   | <b> </b>       |              |          |        |
| 1                |           |  |  |  | }  | }  |              |          |  |  |  | ĺ            |          | (            |  |              | 1  | 1              |              |          |        |
|                  |           |  | 1  |  | 1  | <del>                                     </del> | 1            |          | <del> </del> -                                     | 1  |  | ·            |          | _            |  |              | <del> </del>                                     | 1              |              |          |        |
| i                |           |  | )  | 1  |  |  | 1            |          |  |  | 1  |              |          | 1            | 1  | 1            | 1  | }              | : }          |          |        |
|                  |           | <del> </del>                                     | 1  | 1  | 1  |  | 1            |          | 1  | 1  |  | 1            |          |              |  | 1            | <del> </del>                                     | <del> </del> - |              |          |        |
| Ì                |           | 1  |  |  | }  |  |              |          | 1  |  | İ  | 1            |          | l            | }  | 1            |  | 1              | 1            | }        |        |
|                  |           | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |  |              |          | 1  | 1  |  |              |          |              | <del> </del>                                     |              | 1  | 1              |              |          |        |
| }                |           | 1  |  |  |  |  |              |          | (  | 1  | 1  | Ì            |          | 1            |  | 1            | 1  | }              |              |          |        |
| Element (X)      |           | Z x2   |  | <del>                                     </del> | Ž X  |  | ×            | ٠,       | <del>.                                      </del> | No. Ob   | 5.   |              |          |              | Mean   | No. of t     | lours wit  | h Temperat     | ture         |          |        |
| Rel. Hum.        |           |  | 7440   | 1  | 1149   | 70   | 77.2         | 7.7      | 89   | 14   | 89   | ± 0          | F        | ≤ 32 F       | ≥ 67   | F            | ≥ 73 F   | - 80 F         | e 93 F       | F 7      | otol   |
| Dry Bulb         |           |  | 3520   |  | 1142   |  | 73.2         |          | 10   |  | 19   |              |          |              |  | .0           | 79.  |                |              |          |        |
| Wer Bulb         |           |  | 19971  |  | 1041   |  | 69.9         |          | 38   |  | 89   |              | $\neg$   |              | 79   | 1.7          | 10.  |                | 7            |          | ·      |
| Dew Paint        |           |  | 7981   |  | 1001   |  | 67.4         | 1.2      | 39   |  | 89   |              |          |              | 34   | 5.1          | 3.   |                |              |          |        |

FORM 0.26-5 (OL A) REVISED PREVIOUS

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## **PSYCHROMETRIC SUMMARY**

JOHNSTON ISLAND/PACIFIC IS 0900-1100 HOURS (L. S. T.) PAGE 1

|              |     |             |          |  |  |  |  |                       |  |  |              |             |  |  |               |                |  | ——   |          | HOURS (  |                |
|--------------|-----|-------------|----------|--|--|--|--|-----------------------|--|--|--------------|-------------|--|--|---------------|----------------|--|--|----------|----------|----------------|
| Temp.        |     |             | ,        | ,  |  |  |  | TEMPER                |  |  |              |             |  |  | · · · · · · · | т              | ,  | TOTAL  |          | TOTAL    |                |
| ( <b>f</b> ) | 0   | 1 - 2       | 3 - 4    | 5 - 6  | 7 - 8  | 9 - 10   | 11 - 12                                      | 13 - 14               | 15 - 16  | 17 - 1   | 8 19 - 2     | 0 21 - 22   | 23 - 24  | 25 - 26  | 27 - 28       | 29 - 30        | ≥ 31   | D.B. W.B.  | Dry Bulb | Wet Bulb | Dew Poi        |
| 84/ 83       |     |             | . 1      |  |  | . 2  |  | }                     | Ì  |  |              |             |  |  | į             | 1              |  | . 8  | 8        |          |                |
| 82/ 81       |     | . 1         | . 5      | 1.5  | 3.1  | 1.8  |  |                       |  |  | 1            |             |  | <u> </u>   | L             | İ              |  | 119  | 120      |          |                |
| 80/ 79       |     | . 2         | 3.1      | 10.6   | 13.7   | 6.4  | 1.5  | .4                    | 1  | 1  |              |             |  |  |               |                | 1  | 535  | 553      | 3        | - 2            |
| 78/ 77       |     | . 3         | 5.5      | 12.1   | 11.6   | 3.9  | 1.3  | 2                     | . 1  | ľ  | 1            |             | -  | 1  | 1             |                | 1  | 520  | 528      | 16       | !              |
| 76/ 75       |     | .7          | 3.0      | 4.4  | 3.1  | 2.4  | 1.0  |                       |  |  |              |             |  | 1  |               | 1              |  | 216  | 218      | 110      | 10             |
| 74/ 73       |     | . 6         | 1.3      | 1.4  | . 5  | . 3  |  |                       |  |  | 1            |             |  | İ  |               |                | ĺ  | 65   | 65       |          | 25<br>38<br>29 |
| 72/ 71       | 1   | <del></del> | .3       | • 1  |  |  |  |                       |  | 1  | +            |             |  | 1  |               | 1              | 1  | 21   | 21       |          | 25             |
| 70/ 69       | i   |             | . 2      |  | 1  |  |  | ļ                     | !  | İ  |              |             |  |  |               | 1              | 1  | 4  | ~~       | 322      | 38             |
| 68/ 67       | ••• | <u> </u>    |          | <del></del>                                      | <del>                                     </del> | <del> </del> -                                   |  |                       |  | <del>                                     </del> | +            |             | ├  | <del></del>                                      |               | <del> </del>   |  | <del>                                     </del> |          | 138      | 29             |
| 66/ 65       |     |             |          | 1  |  |  |  | 1                     |  |  |              |             |  |  |               |                |  | 1  | į        | 50       | 19             |
| 64/ 63       |     | <del></del> | <u> </u> | <del> </del>                                     | +  | -  |  |                       |  | <del> </del>                                     | +-           | +           | <del></del>                                      | <del>                                     </del> |               | <del> </del> - | <del> </del>                                     | <del>  </del>                                    |          | 18       | 11             |
| 62/ 61       |     | 1           |          | ł  | l  | ]  |  | 1                     |  |  |              |             |  |  |               |                | 1  | 1  |          | • •      |                |
| 60/ 59       |     | <del></del> |          | <del> </del>                                     |  | <u> </u>   |  |                       | <del></del>                                      | -  | <del> </del> | <del></del> | ├  | <del> </del>                                     |               |                | <del> </del>                                     | <del> </del>                                     |          |          | 3              |
| 58/ 57       |     |             |          |  |  |  | ì  |                       | ł  |  |              |             |  |  |               | í              | İ  |  |          |          | 1              |
|              |     |             |          | <del> </del>                                     |  |  |  |                       |  | ├  | -            |             | -  |  | -             | -              | <del> </del>                                     | <del> </del>                                     |          |          |                |
| 56/ 55       |     |             | !        |  |  |  |  | !                     |  |  |              |             | ľ  |  | İ             | 1              |  | 1 1  |          |          |                |
| 54/ 53       |     | 5-6         |          | 30.3   | 34 3   | 18 6   | 4 2  |                       |  | ┥  |              |             | <b>-</b>   |  | <u> </u>      | ļ              | <u> </u>   |  |          |          | - 5 2 8        |
| OTAL         | . 1 | 2.8         | 14.0     | 30.2   | 26.6   | 15.0   | 7.0  | , 9                   | • 1  | •  | 1            |             | ĺ  | 1  | ŀ             |                |  |  | 1517     |          | 148            |
| <del></del>  |     | -           |          | <b>-</b>   |  |  |  | ļ                     | l  |  | <del></del>  | -           | <b>├</b> ─                                       | <u> </u>   | <u> </u>      | <b>_</b>       | <u> </u>   | 1488   |          | 1488     |                |
|              |     |             | 1        | 1  | Ì  |  |  | -                     |  |  |              |             | 1  |  |               |                |  | i i  |          |          |                |
|              |     |             |          | <u> </u>   | <u> </u>   |  |  |                       |  | $\perp$  |              |             | L  |  | L             |                |  | ļi   |          |          |                |
| !            |     | 1           |          |  | -  | Ì  |  | i                     |  | İ  |              |             |  |  |               |                |  |  |          |          |                |
|              |     | Ĺ           | <u> </u> | <u> </u>   | ļ  | ,  | <u>.                                    </u> |                       |  | <u> </u>   |              |             | <u>.                                    </u>     |  |               | <u> </u>       | <u> </u>   |  |          |          |                |
|              |     | I           |          | 1  |  |  |  |                       |  |  |              |             |  |  |               | 1              |  |  |          |          |                |
| ł            |     | İ           |          | !  |  |  |  |                       | i  |  |              |             |  | i  |               | ĺ              |  |  |          |          |                |
|              |     |             |          |  |  |  |  |                       |  |  |              |             | [  |  |               |                |  |  |          |          |                |
| - 1          |     |             |          | ĺ  | t  | [  |  | l                     |  |  |              |             |  | ļ  | į.            | ļ              | ĺ  | 1  | ĺ        |          |                |
|              |     |             |          | T-   |  |  |  | 1                     | 1  |  | 1            |             |  |  |               | T              |  |  |          |          |                |
|              |     | 1           | 1        | ł  |  | !  |  | i                     |  |  |              |             | 1  |  |               |                |  |  |          | 1        |                |
|              |     |             |          | <del>                                     </del> |  |  |  |                       |  |  |              | <del></del> | <del>                                     </del> |  |               |                |  |  |          |          |                |
|              |     |             |          |  |  | Ì  |  | [                     |  | l  | 1            | 1           | Į.   | l  | l             | [              | 1  |  | ļ        |          |                |
| <del></del>  |     | <del></del> |          | 1  | <del>                                     </del> | <del>                                     </del> |  | <u> </u>              |  | 1  | +            |             |  | <del> </del>                                     |               |                | <del>                                     </del> | <del>                                     </del> |          |          |                |
| 1            |     |             |          | ŀ  |  |  |  |                       |  | ]  | 1            | [           | İ  | İ  |               | 1              |  |  |          |          |                |
|              |     | <del></del> |          | <del> </del>                                     | 1  |  |  |                       |  | +  | +            |             | <del> </del>                                     | +  | -             |                | <del> </del>                                     | <del>                                     </del> |          |          |                |
|              |     | 1           | 1        |  | 1  |  |  |                       |  |  |              | -           | į  | l  | l             | l              |  | Į Į  | į        | İ        |                |
| Element (X)  |     | Zx'         |          | <del>} -</del>                                   | Σχ   | <del></del>                                      | Ī  | <b>₽</b> <sub>A</sub> | <del>                                     </del> | No. (  | Dhs.         | <del></del> |  |  | Mean          | No. of M       | OUTE WIS   | h Temperat                                       | ur#      |          |                |
| Rel. Hum.    |     |             | 0422     |  | 1077   | 784  |  | 8.7                   | 110  |  | 488          | ± 0         | F  | : 32 F   | ≥ 67          |                | 73 F   | > 80 F   | ≥ 93 F   | - 1 -    | otal           |
| Dry Bulb     |     |             | 3206     |  | 1181   | ÷3   | 78.7   | 2.0                   |  |  | 517          | 1 20        |  | - 32 F   |               |                | 82.6   |  |          | -+       |                |
| Wet Bulb     |     |             | 6426     |  |  | <u> </u>   | <del>10.</del> 4                             | 2.9                   | - 1  |  | 488          | +           | -  |  |               |                |  |  |          |          | 8              |
|              |     |             |          |  | 1061   | 79   | 71.3   | 6.3                   | 773  |  |              | <b>├</b>    |  |  |               |                | 28,  |  |          |          |                |
| Dew Point    |     | 644         | 1769     | 1  | 1014   | 4 3  | 00.Z   | 3.6                   | 7.5  | 1  | 488          | 1           |  |  | 60            | 10 /           | 8,1  |  | ¥        |          | 84             |

# **PSYCHROMETRIC SUMMARY**

| Ŧ           |               |     |       |  |  |              | wer          | BULB         | TE405    | DATI | 105 (    | NEBB    | ECCIO        | M /E          |        |              |         |  |             |              | 70741          | 1  | _         | L. S. T.) |
|-------------|---------------|-----|-------|--|--|--------------|--------------|--------------|----------|------|----------|---------|--------------|---------------|--------|--------------|---------|--|-------------|--------------|----------------|--|-----------|-----------|
| Temp<br>(F) |               | 0   | 1 - 2 | 3 - 4  | 5 - 6  | 7 0          |              |              |          |      |          |         |              |               |        | 22 24        | 25 24   | 27 20  | 20 20       | . 21         | TOTAL<br>DR WR | Dry Bulb   | TOTAL     | D. D.:    |
|             |               |     | 1 . 2 | 3 - 4  | <del>                                     </del> | 7 - 8        | 9 . 10       | 11 - 12      | 13 - 1   |      | •        | 17 - 13 | 19.          | 20 2          | 1 - 22 | 23 - 24      | 25 - 26 | 27 - 28  | 29 - 30     | ≥ 31         | 7.0. ".0.      | Dry Bulb   | Wet Builb | Dew Por   |
| 86/         |               |     | 1     |  | •  | ١.,          |              | ٠. ١         |          |      | • †      |         |              | İ             |        |              |         |  | ļ           |              | -9             |  |           |           |
| 84/         |               |     |       | <del>  , ,</del>                                 | , 6  |              |              |              |          | _    | . 1      | •       | 4            | -             |        |              |         | <del> </del>                                     | <del></del> | ļ            | 70             |  |           | -         |
|             | 81            |     | • 1   | 1.3  |  |              | 7.           |              | 1.       | q    | .3       | •       | 4            | • 1           |        |              |         |  | }           |              | 395            |  |           | !         |
|             | 79            |     | • 1   |  | 10.5   | 115.0        |              |              |          | 9    |          |         | <del> </del> | -             |        |              | 1       |  | <u> </u>    | <u> </u>     | 590            |  |           |           |
|             | 77            |     | • 1   |  | 2.1  | 6.4          | 3.           | 1.           |          |      | • 1      |         |              |               |        |              |         | i  |             |              | 285            |  | 31        | 1         |
| 76/         | 75            |     | , 6   |  | 2.3  | 1.3          |              | .3           | •        | 1    |          |         | 1            |               |        |              |         |  |             |              | 106            | 106  | 174       |           |
|             | 73            |     | .7    |  |  | - 1          | ¥ .          |              |          |      | - 1      |         |              |               |        |              | 1       |  | İ           |              | 30             | 30   | 417       | 143       |
|             | 71            | • 1 | . 2   | 1  |  | <u> </u>     |              |              |          |      |          |         |              |               |        |              |         |  |             |              | 6              | 6  | 444       | 25        |
|             | 69            | . 2 | . 2   | 2  | 1  | ]            | }            | 1            |          |      |          |         |              | - 1           |        |              |         |  |             |              | 6              | 6  | 274       | 36        |
| 68/         | 67            |     |       |  |  | i            | İ            |              | L        |      |          |         |              |               |        |              |         |  | i           | 1            |                |  | 101       | 29        |
| 68/         | 65            |     |       | 1  | [  |              |              |              |          |      | $\Box$   |         |              |               |        |              |         |  |             |              |                |  | 34        | 190       |
| 64/         | 63            |     | 1     |  |  |              | 1            |              |          |      | ı        |         |              |               |        |              |         |  | ļ           | )            |                |  |           | 8         |
| 62/         | 61            |     |       |  |  |              | 1            |              |          | 1    |          |         |              | T             |        |              |         | <u> </u>   |             | 1            |                |  |           | 6         |
| 60/         | 59            |     |       |  |  |              |              | 1            |          |      |          |         |              | - 1           |        |              | 1       |  |             |              |                |  |           | 2         |
| 58/         | 57            |     |       | 1  | İ  |              | 1            | <u> </u>     | <b>†</b> | 1    |          |         | <b>†</b>     | _             |        |              |         |  |             |              |                |  |           |           |
| 56/         |               |     |       |  |  | 1            | Ì            |              |          |      | - 1      |         |              |               |        | İ            |         |  |             |              |                | ! [  |           |           |
| 50/         | 40            |     |       | <u> </u>   |  | <del> </del> |              | <del> </del> | t        | +    |          |         | +            | $^+$          |        |              |         | t  |             | <del> </del> | ·              | <del>†                                    </del> |           |           |
| UTAL        |               | . 3 | 2.0   | 8.3  | 23.1   | 33.7         | 21.5         | 7.8          | 2.       | ,    | . 5      |         | լ .          | . 1           |        |              |         |  |             | ļ            |                | 1520   |           | 149       |
|             |               |     |       | - • •  |  |              |              | 1            | -        | 7    |          |         | • '          | ••            |        |              |         | <del> </del> -                                   | <del></del> |              | 1492           |  | 1492      | 470       |
|             |               |     |       |  | 1  |              |              |              |          | -    | $\dashv$ |         | -            | +             |        |              |         |  |             |              |                |  |           |           |
| -           |               |     |       |  |  | ļ            |              | -            | -        | +    | +        |         | -            | -             |        |              |         |  |             |              | -              |  |           |           |
|             |               |     | -     | ļ  | <del> </del>                                     | ļ            | ļ            |              |          | -    | -        |         | ļ. <u> </u>  | -             |        |              |         |  |             |              |                |  |           |           |
|             |               |     |       | ļ  | -  | -            |              |              |          | 1-   |          |         |              | +             |        |              |         |  |             |              | ļ              |  |           |           |
|             |               |     |       | <del>                                     </del> |  |              | <del> </del> | <u> </u>     | -        | -    | +        |         |              | _             |        |              |         |  |             |              |                | -  |           |           |
|             |               |     |       |  | -  |              | ļ            |              |          | -    | +        |         | -            | +             |        |              |         |  |             |              |                |  |           |           |
|             |               |     |       |  |  |              |              |              |          | +    | $\dashv$ |         |              | +             |        |              |         | <del>                                     </del> |             |              |                |  |           |           |
| Element     | <del> +</del> |     | Σχ'   |  |  | Σχ           |              | X            | •        | A .  |          | No. O   |              | $\top$        |        |              |         | ,  |             |              | h Tempera      | ture   |           | 1         |
| Rel. Hu     | _             |     | 742   | 5522   |  | 1041         | 180          | 70.0         | 9.       | 087  |          | 1       | 492          |               | ± 0 1  | F .          | 32 F    | ≥ 67   |             | 73 F         | ≥ 80 F         | ≥ 93 F   |           | Total     |
| Dry Bull    | <b>b</b> [    |     | 959   | 5461   | <u> </u>   | 1207         |              | 79.4         | 2.       | 213  |          | _1      | 320          | L.            |        | $\mathbf{I}$ |         | 84   | • Q         | 83.3         | 46,            | 6  |           | 8         |
| Wet Bul     | ь             |     | 772   | 6560   |  | 1071         | 100          | 71.9         | 2.       | 574  |          | 10      | 492          |               |        |              |         | 01   | . 7         | 35.6         |                | 2  |           | 8         |
| Dew Po      | int           |     | 701   | 8269   |  | 102          | 42           | 68.          |          |      |          |         | 491          | $\neg \vdash$ |        |              |         |  | . 1         | 10.6         |                | T  | 1         | 8         |

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# **PSYCHROMETRIC SUMMARY**

JOHNSTON ISLAND/PACIFIC IS 46-72

FEB PAGE 1 1500-1700

| Dew Point      |     | 697   | 7029        |       | 101   | YZ     | 68.3  | 3.51       | 1     | 149            | <u> </u>  |             |            | 60.  | 7           | • 1        |      |       | 8     |
|----------------|-----|-------|-------------|-------|-------|--------|-------|------------|-------|----------------|-----------|-------------|------------|--|-------------|------------|------|-------|-------|
| Ver Bulb       |     | 7630  |             |       | 1066  |        |       | 2.44       |       | 149            |           |             |            | 81.  |             |            |      |       | 8     |
| ry Bulb        |     | 9340  |             |       | 1190  |        |       | 2.02       |       | 1519           |           |             |            | 84.  |             | .4 25      | . 3  |       |       |
| lel. Hum.      |     | 7790  |             |       | 1070  |        | 71.7  | 8.72       | 0     | 149            |           | : 0 F       | ≤ 32 F     | ≥ 67 F   |             |            |      | F     | Total |
| lement (X)     |     | 2 x2  |             |       | z x   |        | X     | * <u>K</u> | J-    | No. Obs.       |           |             |            |  |             | with Tempe |      |       |       |
|                |     |       |             |       |       |        |       |            |       |                |           |             |            |  |             |            |      |       |       |
|                |     |       |             |       |       |        |       |            |       |                |           |             |            |  |             |            |      |       |       |
|                |     |       |             |       |       |        |       |            |       |                |           |             |            |  |             |            |      |       |       |
|                |     |       |             |       | !     |        |       |            |       |                |           |             |            |  |             |            |      |       |       |
|                |     |       |             |       |       |        |       |            |       |                |           |             |            |  |             |            |      |       |       |
|                |     |       |             |       |       |        |       |            |       |                |           |             |            |  |             |            |      |       |       |
|                |     |       |             |       |       |        |       |            |       |                |           |             |            |  |             |            |      |       |       |
|                |     |       |             |       |       |        |       |            |       |                |           |             | -          |  |             |            |      |       |       |
|                |     |       |             |       |       |        |       |            |       |                |           |             |            |  |             | 149        |      | 1492  |       |
| 6/ 55<br>TAL   | • 1 | 2.3   | 2.7         | 28.6  | 32.5  | 17.2   | 5.2   | 1.1        | .3    |                |           | -           | -          |  |             |            | 151  | 9     | 141   |
| 8/ 57          |     |       |             |       | -     |        |       |            |       |                |           | -           | +          |  |             |            |      | +     | -     |
| 2/ 61<br>0/ 59 |     |       |             | ļ     |       |        |       |            |       |                |           |             |            |  |             | 1          |      |       |       |
| 4/ 63          |     |       |             |       |       |        | ļ,    |            |       |                |           |             | -          |  |             |            |      | 5     | 1     |
| 6/ 65          |     |       | $\neg \neg$ |       |       |        |       |            |       | <del>  -</del> |           | +-          | +          |  |             |            |      | 42    |       |
| 8/ 67          | • 1 | • 1   | . 1         |       |       |        |       |            |       |                | - 1       |             |            |  |             |            | 3    | 314   |       |
| 2/ 71          |     | . 3   | . 2         |       |       |        |       |            |       |                | _         |             |            |  |             |            | 7    | 7 491 | 2     |
| 4/ 73          |     | .7    | . 9         | .3    |       | • 1    |       |            |       |                | -+-       |             | +          | <del>                                     </del> |             |            | 0 3  |       |       |
| 6/ 77          |     | . 6   | 3.6         | 3.8   | 11.0  | 4.6    | 1.5   |            |       |                |           |             |            | {  |             | 21         |      |       |       |
| 0/ 79          |     | . 2   | 1.9         | 11.9  | 13. i | 7.1    | 1.1   | . 3        | .1    |                | _         |             |            |  |             | 5          | 3 54 | 5 3   | 1     |
| 4/ 83          |     | . 1   | . 6         | 1.9   | 4.8   | 3.2    |       | .2         | .1    |                |           |             |            |  |             | 19         | 0 19 |       | :     |
| (F)            |     | 1.5   | 3 - 4       | 3.0   | / - 8 | 9 - 10 | 11-12 | 13 - 14    | , 1   | 17 - 18 19     | 7 - 20 21 | . 22 23 - 2 | 24 25 - 26 | 27 - 28 4  | 29 - 30 - 2 | 31 5.5. #  | 1    | 1     | Dew P |
|                | 0   | 1 - 2 | 3 - 4       | 5 - 6 | 7 0   | 0 10   | 11 12 | 12 14      | 16 16 | 17 10 10       | 20 21     | 22 22 4     | 25 26      | 27 20 2  | 20 20       | TOTA       |      | TOTAL | D     |

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DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

21603 JEHNSTEIN ISLAND/PACIFIC IS 46=72 FEB
STATION STATION NAME PAGE 1 1800-2000

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 1 (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point .1 .2 .8 .5 .5 .7 9.517.7 9.1 1.1 2.212.915.610.9 3.7 82/ 81 - 1 35 569 677 80/ 79 • 1 78/ 77 701 185 76/ 75 3.4 3.3 2.4 1.8 74/ 73 72/ 71 .1 1.3 185 262 531 389 57 255 70/ 69 385 68/ 67 341 208 197 64/ 63 133 62/ 61 60/ 59 57 37 58/ 57 56/ 55 TOTAL 12 1492 .3 5.026.337.922.6 7.1 1492 1492 76.2 7.958 76.0 1.469 70.5 2.292 67.8 3.289 Žχ² Zx No. Obs. Element (X) Mean No. of Hours with Temperature 1492 1519 1492 8767622 113756 ≥ 93 F Rel. Hum. ≤ 0 F 5 32 F ≥ 67 F ≥ 73 F ≥ 80 F 115475 105165 101197 8781731 7420483 84.q 79.q 82.7 16.1 3.5 84 84 Dry Bulb 6879957 Dew Point

TAC FORM 0-26-5 (OLA) REVISED MEVIOUS B

M ARE OBSOURE

2

| BEVISED PREVIOUS EDITIONS OF IN |  |
|---------------------------------|--|
| 0-26-5 (OL A)                   |  |
| 0                               |  |

IICAEETAC FOR

|         |      |      | BRANCH  |
|---------|------|------|---------|
| USAF ET | Μζ   |      |         |
| AIR WEA | THER | SERV | ICE/MAC |

# **PSYCHROMETRIC SUMMARY**

| 21603<br>STATION | 10             | HNS T | ON I   | ISLA         | NEI/P        | AC I F   | 10 15         | <u> </u>   |         | 46-  | 72      |              |              |             | YEARS        |         |             | F             | EB         |                  |         |
|------------------|----------------|-------|--|--------------|--------------|--|---------------|--|---------|--|---------|--------------|--------------|-------------|--------------|---------|-------------|---------------|------------|------------------|---------|
|                  |                |       |  |              |              |  |               |  |         |  |         |              |              |             |              |         |             | PAG           | E 1        | 2100<br>HOURS (1 |         |
| Temp.            |                |       |  |              |              |  | TBULB         |  |         |  |         |              |              |             |              |         |             | TOTAL         | 1          | TOTAL            |         |
| (F)              | 0              | 1 - 2 | 3 - 4  | 5 - 6        | 7 - 8        | 9 - 1  | 0 11 - 12     | 13 - 14  | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 2       | 2 23 - 1     | 24 25 -     | 26 27 - :    | 28 29 - | 30 > 31     | D.B. W.B.     | Dry Bulb   | Wet Bulb         | Dew Poi |
| 80/ 79           | į              |       | ]  | • !          |              |  |               |  |         |  |         |              |              |             |              |         |             | 1             | 1          | 1                |         |
| 78/ 77           |                | 7     | 0.6  | 24.          | 3.4          | •  | 1             | 1  |         | <del> </del>                                     |         | -            | 1            |             | -            |         |             | 324<br>833    | 325<br>856 |                  |         |
| 76/ 75           |                | 2.5   | 70.0   | 7Z4 • :      | 9            | 1.   | 9             |  |         | !  |         |              |              |             |              |         | ŀ           |               |            |                  |         |
| 74/ 73           | - 1            | 1.0   | 7.4  | 2 5.         | 9.0          | 7 2.   | 2 .3          | 1  |         | +  |         | ļ.—          | —            |             | <u> </u>     |         |             | 296           |            | 200              | 4       |
| 72/ 71           | . 3            | . 8   |  |              | 2            |  | İ             |  |         |  |         |              | 1            |             | i            |         |             | 32            |            |                  | 22      |
| 70/ 69           |                | • 2   | ?  | <u>-</u>     | 1            | <del></del>                                      |               | $\vdash$   |         |  |         | ļ            | -            |             | <del>-</del> |         |             |               | 6          |                  | 44      |
|                  |                |       |  |              |              |  |               | 1 1  |         |  |         |              |              |             |              |         |             | Ì             |            | 502              |         |
| 66/ 65           | <del>-  </del> |       |  | ┿            | -            | -  |               | <del>├</del> ──┼                                 |         | -  | -       | <del> </del> | +-           | <del></del> | $\leftarrow$ |         | -+          |               |            | 74               |         |
| 64/ 63 62/ 61    |                |       |  | 1            |              |  |               |  |         | 1  |         |              |              |             |              | j       |             | 1             | 1          | 19               |         |
| 60/ 59           | <del></del>    |       | -  | +            | +            | <del> </del>                                     | +             | <del>                                     </del> |         | <del> </del>                                     |         | -            | +-           | +           | +            | +       |             |               |            | - 4              | 4       |
| 58/ 57           | -              |       | 1  |              | 1            |  |               | 1 1  |         |  |         |              |              | i           |              |         | ļ           |               | !<br>      | i                | 3<br>1  |
| 54/ 53           |                |       | <del>                                     </del> | +            | +            | <del>                                     </del> | +-            | <del>                                     </del> |         | <del>                                     </del> |         | <del> </del> | +-           | +-          | +            | +       | <del></del> | <del></del>   |            |                  |         |
| UTAL             | . 3            | 5.9   | 31.4   | 41.6         | 16.6         | 3.   | 9 .3          |  |         | }  |         |              | 1            |             |              |         | ļ           |               | 1519       |                  | 149     |
| <u> </u>         |                |       |  | 1 2 3        | 1            | 1  | 7             | 1  |         | <del> </del>                                     |         | <del> </del> | +            | +           | +            | +       |             | 1492          |            | 1492             | 14,     |
| -                | i              |       |  |              |              |  |               | 1  |         |  |         |              |              |             |              |         |             |               | !          |                  |         |
|                  |                |       | İ  | i -          | -            | 1  | 1             |  |         |  |         |              | 1            | $\top$      |              |         |             | +             | <u> </u>   | 1                |         |
| 1                |                |       | ŀ  | l            | -            | 1  |               |  |         |  |         | ļ            |              |             |              |         |             |               |            |                  |         |
|                  |                |       | :  |              | i            |  |               |  |         |  |         |              |              |             | _            |         |             |               |            |                  |         |
|                  |                |       | <u>!</u>   | L            |              | 1  | _ i           | 1  |         | 1  |         |              |              | 1           | -            | 1       | 1           |               | ł          |                  |         |
| 1                | 1              |       |  |              | 1            |  |               |  |         |  |         |              |              | T           |              |         | T           |               |            |                  |         |
|                  |                |       |  |              |              |  |               | i  |         |  |         |              |              |             |              |         | _           |               |            |                  |         |
|                  | 1              |       |  | 1            | i            | 1  |               | 1  |         |  |         |              |              |             |              |         |             |               |            |                  |         |
|                  | <u>_</u>       |       | <u> </u>   | <b>i</b> —   | <del> </del> |  | <del>-i</del> |  |         | ļ  |         |              |              |             |              |         |             |               |            |                  |         |
| 1                | 1              |       | ĺ  | 1            | i            |  |               |  |         | İ  |         |              |              |             |              |         |             |               |            |                  |         |
|                  | +              |       |  |              | -            |  |               | <b>↓</b>   |         | [  |         | ļ            | ↓            |             | 4            |         |             |               |            | 1                |         |
|                  | i              |       |  | 1            |              |  |               |  |         |  |         | 1            |              |             |              |         | i           |               |            |                  |         |
|                  |                |       | <u> </u>   | <del> </del> |              | +  | +             | <b>.</b>   |         | ļ  |         | ļ            | <del> </del> | +           |              |         |             |               |            | 1                |         |
|                  |                |       | 1  |              |              |  |               |  |         |  |         |              |              |             |              |         | - 1         |               |            |                  |         |
| <del></del>      | <del></del>    |       |  | <del> </del> | +            | -  |               |  |         | <del></del>                                      |         | <u> </u>     | +            | +           |              | +       |             | <del> </del>  |            | 1                |         |
| 1                | 1              |       |  | 1            |              | 1  | 1             |  |         |  |         |              |              |             |              |         |             | 1 .           |            | ] ]              |         |
| <del></del>      | +              |       |  | <del> </del> | +            | <del> </del>                                     | +             | + +  |         | <b> </b>   |         |              | +            | +-          | +-           | +-      |             |               |            | 1                |         |
|                  |                |       |  |              |              |  | 1             |  |         |  |         |              |              | 1           |              |         |             |               |            |                  |         |
| Element (X)      |                | z x'  |  | +-           | ZX           |  | - <del></del> | - x  |         | No. Ob   | . 1     | Ь            | <u> </u>     |             | Mear         | No. of  | Hours w     | ith Temperat  | ure        | <u> </u>         |         |
| Rel. Hum.        |                |       | 2671   |              | 1160         | 286  |               | 7.3  | 2 7     |  | 92      | ± 0          | F            | ≤ 32 F      | _            | 67 F    | ≥ 73 F      | ≥ 80 F        | ≥ 93       | FT               | Total   |
| Dry Bulb         |                |       | 944  |              | 114          |  |               | 1.3  |         |  | 19      |              |              |             |              | 4 . a   | 81.         | <del></del> - | 1          | <del> '</del>    | 8       |
| Wet Bulb         |                |       | 6406   |              | 104          |  |               | 2.2  |         |  | 92      |              |              |             |              | 0.6     | 12.         |               | +          | <del></del>      | 8       |
| Dew Point        |                |       | 1220   |              | 101          |  | 67.8          |  |         |  | 92      |              | <del></del>  |             |              | 0.4     | 2.          |               |            |                  | 8       |

3 9

## **PSYCHROMETRIC SUMMARY**

21603 JUHNSTON ISLAND/PACIFIC IS
STATION NAME

46-72

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PAGE 1

0000-0200

| Temp.       |     |       |          | ,        | ,    |     |         |         |         | DEPRE    |         |          |          | ,        | , , ,   |        | ,      | TOTAL      |                                       | TOTAL    |        |
|-------------|-----|-------|----------|----------|------|-----|---------|---------|---------|----------|---------|----------|----------|----------|---------|--------|--------|------------|---------------------------------------|----------|--------|
| (F)         | 0   | 1 - 2 | +        | +        | ·    |     | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18  | 19 - 20 | 21 - 22  | 23 - 24  | 25 - 26  | 27 - 28 | 29 - 3 | 0 7 31 | D.B. W.B.  |                                       | Wet Buib | Dew Po |
| 80/ 79      |     |       | _ • 1    |          | - 1  |     |         |         |         | -        | 1       |          |          |          |         |        |        | 3          |                                       |          |        |
| 78/ 77      |     | . 7   | 3.2      | 26.2     | . 9  | - 1 |         |         |         | <u> </u> | ļ       |          |          |          | i       |        |        | 203        | 204                                   |          |        |
| 76/ 75      | i   | 2.9   | 22.3     | 26.2     | 5.3  | . 9 | 1 1     |         |         | -        | ĺ       | İ        | ĺ        |          | i i     |        |        | 979        | 980                                   | 21       |        |
| 74/ 73      |     | 2.1   | 8.       | 7.5      | 5.3  | 1.2 | • 1     |         |         | <u> </u> |         | <u> </u> |          |          |         |        |        | 420        | 421                                   | 192      | 6      |
| 72/ 71      |     |       | 1.3      | .9       |      |     |         |         | Ì       |          |         |          |          |          |         |        | 1      | 80         | 80                                    | 638      |        |
| 70/ 69      | - 1 | • 1   | .3       | • 1      |      | . 1 |         |         |         | ļ        | L       |          | L        |          |         |        |        | 11         | 11                                    | 522      | 53     |
| 68/ 67      |     |       | • 1      | • 1      |      |     |         | l<br>I  |         |          |         |          |          | į        |         |        |        | 2          | 2                                     | 195      | 42     |
| 66/ 65      |     |       | <u> </u> | <u> </u> |      |     |         | Ĺ       | Ĺ       |          |         |          |          |          |         |        | ļ      | <u> </u>   |                                       | 104      | 18     |
| 64/ 63      |     |       |          | ĺ        | ĺ    |     | { i     | İ       |         |          | 1       | 1        | ĺ        | ĺ        | l i     |        |        |            | ĺ                                     | 23       | 12     |
| 62/ 61      |     |       |          | <u> </u> |      |     |         |         |         |          |         |          |          | l        |         |        | ·      |            |                                       | 3        | 7      |
| 60/ 59      |     |       |          |          |      |     |         | ĺ       |         | i        |         | ļ        | ļ        |          | l i     |        | 1      |            | ,                                     | i        | 3      |
| 58/ 57      |     |       |          | l        |      |     |         |         |         |          |         |          |          | L        |         |        |        | <u>.</u> . |                                       | :        |        |
| 56/ 55      |     |       |          | [        |      |     |         |         |         |          |         |          |          |          |         |        |        |            |                                       |          |        |
| DTAL        | . 1 | 7.0   | 37.8     | 39.8     | 12.7 | 2.7 | - 1     |         |         |          |         |          | <u> </u> |          | i       |        | i      |            | 1701                                  | 1698     | 169    |
|             |     | -     |          |          |      |     |         |         |         |          |         | ſ        |          |          | [ 7     |        |        | 1698       | · · · · · · · · · · · · · · · · · · · | 1698     |        |
|             | _   |       |          |          | !    |     | i       |         | ļ       |          |         |          | 1        |          |         |        | į      |            |                                       |          |        |
|             |     | -     | Ţ        | i        | 1    |     |         |         |         |          |         |          |          |          |         |        |        |            |                                       | -        |        |
| i           |     |       | ļ        | İ        |      |     |         |         |         |          |         |          | 1        |          |         |        | 1      | 1          |                                       | 1        |        |
|             |     |       |          |          |      |     |         |         | i -     |          |         |          |          |          |         |        |        |            |                                       |          |        |
| 1           |     |       |          |          | 1    |     |         |         | j       | İ        |         |          |          |          |         |        |        | i i        |                                       |          |        |
|             |     |       | 1        |          |      |     |         |         |         |          |         |          |          |          |         |        |        |            |                                       |          |        |
|             |     |       |          | 1        |      |     | :       |         |         |          |         | 1        |          |          | 1 1     |        |        |            | 1                                     | 1        |        |
|             |     |       |          |          |      |     |         |         |         |          |         |          |          |          |         |        | 1      |            |                                       |          |        |
| İ           |     |       | -        | !        | ļ    |     |         |         |         |          | ļ       |          | ļ        | <u> </u> |         |        |        |            |                                       |          |        |
|             |     |       | 1        |          |      |     |         |         |         |          |         |          |          |          |         |        |        |            |                                       |          |        |
| j           |     |       | 1        | 1        |      |     | 1       | !       |         |          | ļ       | j        | }        |          | ] ]     |        |        | ]          | J                                     |          |        |
|             |     |       |          |          |      |     |         |         |         |          |         |          |          |          |         |        |        |            |                                       |          |        |
| 1           |     |       | i        | 1        |      |     |         |         |         |          |         |          |          | I        |         |        |        |            | i                                     |          |        |
|             |     |       | T        |          |      |     |         |         |         |          |         |          |          |          |         |        | 1      |            |                                       |          |        |
|             |     |       |          |          |      |     |         | ļ       | 1       |          |         |          |          |          |         |        |        |            | ì                                     |          |        |
|             |     | _     |          |          | T    |     |         |         |         | 1        |         |          |          | 1        |         |        |        |            |                                       |          |        |
|             |     |       | 1        | 1        |      |     | 1       |         |         |          |         |          |          | J        | ) ]     |        | 1      | ] ]        | -                                     | J        |        |
|             |     |       |          | 1        |      |     | 1       |         |         |          |         |          | 1        |          |         |        | 1      |            |                                       |          |        |
|             |     |       | <u> </u> | ļ        |      |     |         |         |         |          |         |          | <u> </u> | <u> </u> |         |        |        | <u></u>    |                                       |          |        |
| Element (X) |     | Σχ²   |          |          | ZX   |     | X       | ø,      |         | No. Ob   |         |          |          |          |         |        |        | Temperate  | <del></del>                           |          |        |
| Rel. Hum.   | ~   |       | 3511     |          | 1336 | 27  | 78.8    | 6.8     | 24      |          | 95      | 1 0      | F :      | 32 F     | ≥ 67    |        | ≥ 73 F | ≥ 80 F     | ≥ 93 F                                |          | otal   |
| Dry Bulb    |     |       | 18012    | 4        | 1276 | 84  | 75.1    | 1.4     | 41      | 17       | 01      |          | $\dashv$ |          |         |        | 87.9   |            | ↓                                     |          | 9      |
| Wet Bulb    |     |       | 3512     |          |      |     | 70.2    |         |         |          | 98      |          |          |          | 85      | . 9    | 11.7   |            | L                                     |          | 9      |
| Dew Point   |     | 784   | 0023     | N        | 1151 | 55  | 67.9    | 3.1     | 12      | 16       | 95      |          | 1        |          | 69      | . 4    | 3.5    | 1          | 1                                     |          | 9      |

USAFETAC FORM 0-26-5 (OL.A) REVISEO MENOUS EDITIONS OF THIS FORM ARE OSSOUTE

# **PSYCHROMETRIC SUMMARY**

JUHNSTON ISLAND/PACIFIC IS 46-72 MONTH ... 0300-0500

| Temp.       |     |              |         |             |             | WE.         | BULB         | TEMPERA  | TURE         | DEPRE         | SSION        | (F)            |             |              |              |            |  | TOTAL  | _       | TOTAL    |      |
|-------------|-----|--------------|---------|-------------|-------------|-------------|--------------|--|--------------|---------------|--------------|----------------|-------------|--------------|--------------|------------|--|--|---------|----------|------|
| (F)         | 0 1 | 1 - 2        | 3 - 4   | 5 - 6       | 7 - 8       | 9 - 10      | 11 - 12      | 13 - 14 1  | 5 - 16       | 17 - 18       | 19 - 20      | 21 - 22        | 23 - 2      | 4 25 - 26    | 27 - 28      | 29 30      | ) → 31   | D.B. W.B.  | ry Bulb | Wet Bulb | De   |
| 80/ 79      |     |              |         |             | . 1         |             |              |  |              |               |              |                |             | T            | T            |            |  | 1  | L       | •        |      |
| 78/ 77      |     | . 3          | 2.9     | 25.6        | .4          |             |              |  |              |               |              |                | <u> </u>    |              | <u>.</u>     |            |  | 69   | 89      |          | _    |
| 76/ 75      |     | 3.1          | 23.7    | 25.6        | 3.8         |             |              |  |              |               | ĺ            | 1              |             | 1            | 1            |            |  | 962  | 965     | 9        |      |
| 74/ 73      |     |              |         | 8.8         | 5.8         |             |              |  |              | ·             |              | ļ              |             | ·<br>        | ·            | <b>.</b> . | •  | 530  | 531     | 167      | <br> |
| 72/ 71      | . 2 | 1.3          | -       | 1           |             |             | 5            |  |              |               |              |                |             |              |              |            |  | 100  | 100     | 600      |      |
| 70/ 69      |     | • 2          |         | • 1         |             |             |              | 1  |              | <u> </u>      |              | L              | <u> </u>    | <b></b>      | 4            |            |  | 14<br>Z  | 14      | 557      |      |
| 68/ 67      |     | - 1          | . 1     | • 1         | ŀ           |             |              | l i  |              | İ             | Ì            |                |             | ł            |              |            |  | 2  | 2       |          |      |
| 66/ 65      |     |              |         |             | <b> </b>    |             | <del> </del> |  |              | <u> </u>      | ļ            |                | <b> </b>    | <del>-</del> | ļ            |            | -  | <del>-</del>                                     |         | 113      |      |
| 64/ 63      |     | 1            |         |             |             |             |              |  |              |               |              | ļ              | İ           |              |              |            | 1  | i  |         | 34       |      |
| 62/61       |     | ∔            |         |             |             |             | <del></del>  | 1  |              |               | ļ            | -              | ļ           |              | ļ            |            | -  | <del> </del>                                     |         | 8        | _    |
| 60/ 59      |     |              |         |             |             |             |              | [ [  |              |               |              |                |             | ĺ            |              |            | 1  |  |         |          |      |
| 58/ 57      |     |              |         | -           | <b>├</b>    |             | <b></b>      | $\leftarrow$                                     | <del>-</del> | -             |              | -              |             | <del> </del> | -            |            |  | ·  |         |          | ٠    |
| 56/ 55      |     | 7 1          | 41 3    | 27 :        | 11.7        |             | 5 1          |  |              |               |              |                |             | 1            |              |            |  | 1  | 1703    |          |      |
| LITAL       | • • | * • •        | 7 4 . 4 |             | 2 2 . !     |             | 11           | + +  |              | <del>  </del> | <del> </del> | ļ              | <del></del> | <del></del>  | <del>-</del> |            | +  | 1698   | 1702    | 1698     |      |
|             | :   | 1            |         |             |             |             |              |  |              |               |              | 1              | Î           | 1            | 1            |            |  | 1070   |         | 1070     |      |
|             |     |              |         |             |             |             | -            |  |              |               | -            | <del> </del>   | +           | +            | +            |            |  |  | · -—-   | •        |      |
| 1           | i   | !            |         | !           |             | !           |              |  |              |               |              |                |             | ĺ            |              |            |  |  |         |          |      |
|             |     | <del>-</del> |         |             | <del></del> | -           | +            | <del>                                     </del> |              |               |              | +              | +           | +            | +            |            |  | +  |         |          |      |
|             |     | :            |         | !           |             | <br>        |              | [  |              |               |              | [              |             |              | 1            |            | :  | 1  |         |          |      |
|             |     |              |         | <del></del> | -           |             | !            | !  |              | 1             |              | <del> </del> - | †           | +            | <u> </u>     |            | <del>                                     </del> | <del>                                     </del> | ,       |          |      |
|             |     |              |         | !           | i           | •           |              |  |              |               |              |                |             |              |              |            |  |  | 1       |          |      |
|             |     |              |         | •<br>;      | !           | <del></del> | <del>+</del> |  |              |               | -            |                | 1           | <del> </del> | †            |            | 1  | +  |         |          | _    |
|             |     | :            |         | 1           |             | :           |              |  |              | 1             | i            | -              | 1           | ĺ            | 1            |            | 1  |  |         | ł        |      |
|             |     |              |         | <u> </u>    |             | ·           |              |  |              |               |              |                |             |              | 1            |            | +  |  |         |          | _    |
| 1           |     |              |         | 1           | 1           |             |              |  |              |               | i            |                |             |              | 1 .          |            |  |  | ĺ       | '        |      |
|             |     | i            |         |             |             |             |              |  |              | 1             |              |                |             | 1            | 1            |            | 1  |  |         |          | _    |
| [           |     | 1            |         |             |             | 1           |              | [ !  |              | ĺĺ            |              | -              | ĺ           |              | 1            |            | ĺ  | 1  | 1       |          |      |
|             |     |              |         |             |             |             |              | 1  |              |               |              |                | 1           |              | <del> </del> |            | <b>-</b>   |  |         |          |      |
|             |     |              |         | L<br>A      |             |             |              | l i  |              | 1             |              |                |             | 1            |              |            |  |  |         |          |      |
|             |     |              |         | 1           |             | ·           |              |  |              |               |              | 1              |             | 1            |              |            | <u> </u>   | 1  |         |          |      |
| 1           |     | - (          |         | ĺ           |             | ĺ           | ;            | i i  |              | i i           |              |                | ĺ           |              | 1            |            |  |  | i       | į        |      |
|             |     |              |         |             |             |             | 1            | ļ - ·  |              | ;             |              |                |             |              | T            |            |  | +  |         |          | _    |
|             |     |              |         |             |             | 1           |              |  |              | <u>i</u>      |              |                |             | 1            |              |            |  | i  |         | į        |      |
| Element (X) |     | X,           |         |             | Σχ          |             | X            | <b>₹</b>   | I            | No. Ob        |              |                |             |              | Mean h       | la. of H   | lours wil  | h Temperatu                                      | re      |          | _    |
| Rel. Hum.   |     |              | 5271    |             | 1342        |             | 79.2         | 6.92   | 9            | 16            |              | • 0            | F           | - 32 F       | - 67         |            | 73 F   | - 80 F   | ∙ 93 F  | T        | ro1  |
| Dry Bulb    |     |              | 8567    |             | 1271        |             | 74.7         | 1.41   | 5            | 17            | 02           |                |             |              | 93           |            | 86.  |  |         |          |      |
| Wet Bulb    |     | 832          | 4840    | 1           | 118         |             |              | 2.28   |              | 16            | 98           |                |             |              | 84           |            | 9,6  | <b>X</b>   |         |          |      |
| Dew Point   |     | 778          | 6384    | i -         | 1147        | 58          | 67.7         | 3.1  | 2            | 16            | 95           |                |             |              | 68           | . 1        | 2.3  |  |         |          |      |

#### **PSYCHROMETRIC SUMMARY**

JOHNSTON ISLAND/PACIFIC IS 46-72 0600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | , 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Poin (F) 82/ 81 50 352 843 378 80/ 79 78/ 77 .4 5.710.5 3.4 .6 2.218.122.0 5.5 1.5 1.9 6.5 7.2 4.5 1.8 1.0 .9 .6 .7 .5 . 1 351 841 377 76/ 75 30 .1 1.9 741 73 221 60 72/ 71 .1 1.0 64 13 64 625 256 70/ 69 481 500 204 425 68/ 67 66/ 65 105 201 64/63 72 60/ 59 58/ 57 38 56/ 55 54/ 53 1702 1698 .2 5.831.742.315.0 4.4 1695 TOTAL 1698 Element (X) Z x 2 Zx No. Obs 77.7 7.344 75.4 1.708 70.3 2.395 131739 Rel. Hum. 10330401 1695 ≥ 67 F × 73 F ≤ 32 F 128346 1702 1698 93.0 Dry Bulb 9683394 88.7 93 8398954 13.7 Wet Bulb 93 114992 7619590 1695 93

USAFETAC FORM 0.26-5 (OLA) REVISED REVIOUS EDI

## **PSYCHROMETRIC SUMMARY**

21603 JUHNSTEIN ISLAND/PACIFIC IS

0900-1100 PAGE 1

| x'<br>9146847<br>0448317<br>8772799<br>8043078 | 233.91<br>2x<br>12387<br>13300<br>11671 | 7 7 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 7 9 | 3.0   | .3<br>.3<br>.04<br>2.10<br>2.51   | 4 1   | 59 702 701 698   | = 0 F   | - 32 F  | Maan No. : 67 F 93 (  | 38,4  | - 80 F<br>28 - 2  | - 93 F  | 1701   | 999   |
|--|---|---|---|---|---|--|---|---|---|---|---|---|--|---|
| x'<br>9146847<br>0448317                       | Z <sub>X</sub><br>12367<br>13330        | 7<br>9 7:                               | 3.0   | **************************************  | 1 1   | 698<br>702   | = 0 F   | - 32 F  | = 67 F  | ≥ 73 F  | h Temperatur  | - 93 F  |  | ttel 9:   |
| x'<br>9146847                                  | z <sub>x</sub>                          | × × × × × × × × × × × × × × × × × × ×   | 3.0   | **<br>8.94  | 1   | 698  | = 0 F   | * 32 F  | ≥ 67 F  | ≥ 73 F  | h Temperatu   | - 93 F  |  | 112   |
| x,   | ZX                                      | × × ×                                   |   |   |   |  |   |   | Mean No.  | of Hours wit  |   |   | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | •3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   |   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   | !   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   | !   | 1701  | 1702  | 1701   |   |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   |   | !   | 1701  | 1702  | 1701   | 10  |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | .3  |   |  |   |   | +   |   | 1701  | 1702  | 1701   | 10  |
| 2.214.332.                                     | 233.91                                  | 3.3                                     | 3.6   | . 3   |   |  |   |   |   |   |   |   |  |   |
| 1 1  | 1 1                                     | 1                                       | - 1   | 1   |   |  |   | 1 '   |   | :   |   | 1707  |  | 169   |
|  | +                                       |   |   |   |   | ++   |   |   |   |   | ·   |   |  | 1   |
|  |   |   |   |   |   |  |   |   |   | 7   |   |   |  | :   |
|  |   |   |   |   |   |  |   |   |   | i   |   |   |  | é   |
|  | +-+                                     |   |   |   |   | <del>  </del>  |   | <del> </del>  | <del></del>   | <del></del>   |   |   | 13   | •   |
|  |   | į                                       | İ   | ì   |   |  |   |   |   |   |   |   | 55   | 14  |
| • 1  | 1 .1                                    |   |   |   |   | + +  |   | <del> </del>  | <del>   -</del>   |   | 4   |   | 124  | 32  |
|  | 1 .1                                    |   |   |   |   |  |   |   |   |   | 16  | 16  | 588  | 34  |
| .8 .9  | 2 .6                                    | . 3                                     | - 1   |   | İ   | !  | j   |   |   |   | 50  | 50  | 505<br>588   | 16  |
| .6 3.9 3.                                      | 0 2.7                                   | 2.1                                     | .8  |   |   | +  |   | <b></b>   |   |   | 222   | 223   | 181  | - 7   |
|  |   |   |   |   |   | 1  |   |   |   |   |   |   | , 4  |   |
|  |   |   |   |   |   | +-+  |   |   |   |   |   |   | <del></del>  |   |
|  | 3 .5                                    | . 2                                     | - 1   |   |   |  |   |   |   | :   | 20  | 20  | _ · ·  |   |
| - 2 3 - 4 5 - 6                                | 7 - 8 9                                 | 7 - 10 11                               | 1 - 12 1  | 13 - 14 1   | 5 - 16 17 - 1   | 8 19 - 20  | 21 - 22 23 - 2  | 4 25 - 26   | 27 - 28 29  | - 30 + 31   | D.B. W.B.   | Dry Bulb  | Wet Bulb C   | ew Po   |
|  | .3 3.<br>3.411.                         | .3 3.0 5.3<br>3.411.415.6               | 3-4 5-6 7-8 9-10 1<br>-3 -5 -2<br>-3 3-0 5-3 2-6<br>3-411-415-6 4-4 | 3 · 4 · 5 · 6 · 7 · 8 · 9 · 10 · 11 · 12 · 3 · 5 · 6 · 7 · 8 · 9 · 10 · 11 · 12 · 1 · 3 · 3 · 0 · 5 · 3 · 2 · 6 · 4 · 4 · 1 · 0 | 3 - 4   5 - 6   7 - 8   9 - 10   11 - 12   13 - 14   1<br>- 3   - 5   - 2   - 1<br>- 3   3 - 0   5 - 3   2 - 6   - 4<br>3 - 4   11 - 4   15 - 6   4 - 4   1 - 0   - 2 | 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 1<br>3 5 2 1<br>3 3 0 5 3 2 6 4<br>3 4 1 1 4 1 5 6 4 4 1 0 2 | 3 - 4   5 · 6   7 · 8   9 · 10   11 - 12   13 · 14   15 · 16   17 · 18   19 · 20   .3   .5   .2   .1   .3   3 · 0   5 · 3   2 · 6   .4   .4   .5 · 6   4 · 4   1 · 0   .2 | .3 3.0 5.3 2.6 .4<br>3.0 5.3 2.6 .4<br>3.411.415.6 4.4 1.0 .2 | 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 .3 .5 .2 .1 .3 3.0 5.3 2.6 .4 3.411.415.6 4.4 1.0 .2 | 3 4 5 6 7 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 3 · 5 · 3 2 · 6 · 4 3 · 6 · 6 · 6 · 6 · 6 · 7 · 8 · 7 | 3 4 5 6 7 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 · 31 · 3 3 · 0 5 · 3 2 · 6 · 4 3 · 0 · 2 | 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 D.B. W.B. [ 3.5 .2 .1 20 3.4 11.4 15.6 4.4 1.0 .2 198 3.4 11.4 15.6 4.4 1.0 .2 | 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 231 D.B. W.B. Dry Bulb 7 3 3 0 5 3 2 6 4 12 0 5 2 0 198 198 3 4 11 4 15 6 4 4 1 0 2 | 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 D.B. W.B. Dry Bulb Wet Bulb D  .3 .5 .2 .1  .3 3.0 5.3 2.6 .4  3 411.415.6 4.4 1.0 .2  612 612 2 |

21603 JUHNSTUN ISLAND/PACIFIC IS 46-72
STATION NAME

#### **PSYCHROMETRIC SUMMARY**

MAR

1200-1400 HOURS (L. S. T. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) WET BULB TEMPERATURE DEPRESSION (F)

1. 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point Temp. .1 .8 2.1 3.3 .9 6.512.2 8.5 2.3 9.814.9 5.3 2.6 5.7 3.8 2.0 6.6 7 .9 .9 .4 .4 .1 86/ 85 •1 6 84/ 83 123 505 598 82/ 81 80/ 79 597 311 99 52 7 . 3 311 99 78/ 77 1.6 46 76/ 75 74/ 73 1.0 2.0 286 580 59 52 211 72/ 71 363 70/ 69 183 463 68/ 67 128 261 66/ 65 25 135 94 78 64/ 63 62/ 61 60/ 59 18 58/ 57 56/ 55 TOTAL 1753 1699 .1 2.8 9.224.634.122.3 6.8 .7

No. Obs. Element (X) Mean No. of Hours with Temperature ≥ 67 F = 73 F ≥ 80 F Rel. Hum. 70.9 8.536 8672334 120516 1699 10 F 79.6 2.341 1703 92.5 10800958 135566 93 93 Dry Bulb 93.d 8140690 93

The table of the

FORM 0.26-5 (OLA) REVISED MENIOUS EDITIONS OF THIS FORM ARE ONS

USAFETAC FOLM 0.34

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC JUHNSTIN ISLAND/PACIFIC IS

#### **PSYCHROMETRIC SUMMARY**

PAGE 1

1500-1700

Total

| Temp.  |       |       | _        |              |               |                |                |        |               |         |  | ESSION   |  |              |  |              |  |              | TOTAL        |          | TOTAL         | ·          |
|--------|-------|-------|----------|--------------|---------------|----------------|----------------|--------|---------------|---------|--|--|--|--------------|--|--------------|--|--------------|--------------|----------|---------------|------------|
| (F)    | - , - | 1 - 2 | 3 - 4    | 5 - 6        | 7 - 8         | 9 - 10         | 11 - 1         | 2 13 - | 14            | 15 - 16 | 17 - 18  | 19 - 20  | 21 - 2   | 2 23 - 24    | 25 - 26  | 27 - 28      | 29 - 30  | > 31         | D.B. W.B.    | Dry Bulb | Wet Bulb      | Dew Po     |
| 6/ 85  |       |       |          |              | ·             | • 1            |                | T      |               |         |  | f  |  | 1            |  | †            |  |              | 1            | 1        |               |            |
| 14/ 83 |       |       |          | .3           | 3             |                | - 1            | 2      |               |         | }  | 1  |  |              |  | İ            |  | ŀ            | 21           | 21       |               |            |
| 2/ 81  |       |       | . 2      | 2.3          |               |                |                |        | . 1           |         | 1  | 1  |  | 1            | † · · · · ·                                      |              | +  |              | 232          |          |               |            |
| 0/ 79  |       | '     |          | 12.2         | 1 - :         |                |                | i      |               |         | İ  |  |  |              | 1  |              |  |              | 621          | 622      |               |            |
| 18/ 77 |       | • 2   | 5.7      | 13.1         | 7.            | 3.             | 1              |        | • 1           |         |  | <del></del>                                      |  | +            | <del> </del>                                     | ļ            | †  |              | 621<br>537   | 538      | 11            |            |
| 16/ 75 | . 1   | . 9   | 2.5      | 3.1          | 2.0           | 1.4            |                |        | 1             |         |  |  |  |              |  | ĺ            |  | :<br>        | 185          | 185      |               |            |
| 4/ 73  | •1    | 1.4   |          |              | 1.            | 2 .4           |                | +      | -1            |         |  | <del> </del>                                     | <del> </del>                                     | +            | <del> </del>                                     | <del> </del> |  | <del></del>  | 88           | 88       |               | 14         |
| 2/ 71  | •     | 4     | .1       |              | .             |                | i.             |        | ļ             |         |  |  |  | -            |  | 1            |  | i            | 13           | 13       |               | 15         |
| 0/ 69  |       | • 1   |          | <del></del>  | <u> </u>      |                | _              | +      |               |         | <del> </del>                                     | <del>                                     </del> |  | +            | <del> </del>                                     | <del> </del> | <del> </del>                                     | <del> </del> | 1            |          | 235           | 48         |
| 8/ 67  |       | •     |          | İ            |               |                | 1              | 1      |               |         |  |  |  | 1            | 1  | l            |  |              | •            | •        | 126           | 34         |
| 6/ 65  |       |       |          | <del></del>  | · · · · ·     | <del> </del>   | 1              | +      | $\dashv$      |         |  | $\vdash$   | <u> </u>   | +            | <u> </u>   | <u> </u>     | <del> </del>                                     |              | !            |          | 37            | 14         |
| 4/ 63  |       |       |          |              |               | ì              |                |        |               |         |  | 1  | }  |              | 1  | İ            |  | :            | 1            |          | 7             | •          |
| 2/ 61  |       |       |          | <del> </del> |               | +              | -              | +      | +             |         |  | <del> </del>                                     | <del>                                     </del> | +            | 1  | <del> </del> | <del>                                     </del> |              | <del></del>  |          | <del>-</del>  | 9          |
| 0/ 59  |       |       |          |              |               | -              |                |        |               |         |  | i  |  | İ            |  | į            |  | 1            | :            |          | •             | ż          |
| 8/ 57  |       |       |          | ļ            |               | 1              | +              | +      | $\rightarrow$ |         | <del>                                     </del> | <del>                                     </del> | <del> </del>                                     | <del> </del> | +  | <u> </u>     | <del> </del>                                     | <del>!</del> |              |          | ———·          | — <u> </u> |
| 6/ 55  |       |       |          |              |               | I              | }              |        |               |         |  |  |  |              | ĺ  | 1            | !  |              |              |          |               | •          |
| ITAL   | 1     | 3.0   | 11.8     | 32.0         | 33.3          | 16.2           | 3.4            | ď      | . 2           |         |  | 1  |  | +-           | <del>                                     </del> | <del> </del> | <del> </del>                                     |              | •            | 1701     |               | 169        |
|        | • •   |       | •        |              |               | 1.00           | -              | *      | -             |         | İ  |  |  |              |  |              | 1  |              | 1699         |          | 1699          |            |
|        |       |       |          | •            | ·             | <del></del>    | +              | +      | -+            |         | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | +-           | 1  | <del> </del> | <del> </del>                                     |              | 1077         |          | 10,,          |            |
|        |       |       |          |              | i             | İ              |                | -      | Ì             |         |  |  | ł  | ĺ            | 1  |              | l  |              | i i          | !        |               |            |
|        |       |       |          | i            | · · · · · · · | - <del>i</del> | <del>-</del> i | +      |               |         |  | <del> </del> -                                   | <del> </del>                                     | +            | -  | +            | <u> </u>   |              |              | †        |               |            |
|        |       |       |          |              | 1             |                | 1              | !      |               |         |  | ì  | 1  |              |  |              |  |              |              |          |               |            |
|        |       |       | <u> </u> | +            |               | <del></del> -  | +              | +      | +             |         |  | <del> </del>                                     | <b></b> -  | +-           | <del>                                     </del> | <del> </del> | +  | <u> </u>     | <del> </del> |          | <del>-</del>  |            |
|        |       |       |          | i l          |               | :              |                | 1      | i             |         | 1  | 1  |  | 1            |  | 1            | 1 :  |              | 1 1          | 1        |               |            |
|        |       |       |          |              |               | •              | +              | +      | +             |         |  |  | <del>                                     </del> | +            | -  | -            |  |              | 1            |          |               |            |
|        |       |       |          | į            |               |                |                | 1      | I             |         |  |  |  |              |  | Ì            |  |              |              |          | į             |            |
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|        |       |       |          |              |               | !              | }              | 1      |               |         | İ  |  |  | 1            |  | 1            |  |              | . !          | !        |               |            |
|        |       |       |          | 1            | I             |                | 1              | 1      | - 1           |         | L  | 1  | 1  | į.           | 1  | i            | 1  | l .          | 1 .          | !        | i             |            |
|        |       |       |          |              |               | 1              |                |        |               |         |  |  | 1  | _            | <del> </del>                                     | 1            |  |              |              |          |               |            |
|        |       |       |          |              |               |                |                |        |               |         |  |  |  |              |  |              |  |              |              |          |               |            |

46-72

HORM 0-26-5 (OLA)

Element (X)

Rel. Hum.

Dry Bulb Wet Buib Dew Point

No. Obs.

1696 1701 1699

Mean No. of Hours with Temperature

≥ 67 F ≥ 73 F ≥ 80 F ≠ 93 F

123178 133356 121874

7055290

10463356 8752376

21603 JOHNSTON ISLAND/PACIFIC IS

115635

68.2 3.004

#### **PSYCHROMETRIC SUMMARY**

MAR

1800-2000 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Paint 82/ 81 80/ 79 78/ 77 76/ 75 .4 2.0 1.1 .1 .5 9.421.4 6.8 .9 3.513.220.6 6.3 1.6 .8 2.8 2.7 3.5 .8 .9 .7 .4 .5 .1 62 62 · 2 666 738 666 738 34 291 2 67 74/ 73 180 180 72/ 71 70/ 69 68/ 67 46 686 46 302 426 313 435 66/ 65 168 64/ 63 107 74 60/ 59 58/ 57 19 1699 1695 1699 TOTAL .1 3.926.547.218.2 3.5 .5 Element (X) ZX No. Obs Mean No. of Hours with Temperature 77.0 6.779 76.1 1.608 70.7 2.226 130595 129218 120146 1696 1699 1699 1695 10133935 Rel. Hum. : 0 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F f 32 F Total 9832108 8504622 7904049 Dry Bulb 93.0 88.0 90.2 17.8 93 Wet Bulb

46-72

(OLA) 0.26-5 NOR NA 64

Dew Point

JOHNST (IN ISLAND/PACIFIC IS

# **PSYCHROMETRIC SUMMARY**

PAGE 1

Mean No. of Hours with Temperature

14.5

+ 93 F

93 93 93

- 67 F - 73 F - 80 F

93.0 86.9 72.6

MAR

2100-2300 WET BULB TEMPERATURE DEPRESSION (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL
1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 80/ 79 .6 7.712.1 •1 8 8 384 973 275 384 974 78/ 77 2.320.427.0 6.0 1.6 1.5 5.2 3.9 4.2 1.2 1.0 .5 .4 1.0 .2 76/ 75 74/ 73 275 54 5 245 55 72/ 71 277 71 .1 1.0 54 5 485 552 142 68/ 67 66/ 65 18 64/ 63 62/ 61 80 60/ 59 58/ 57 50/ 55 5.534.143.713.4 3.1 1696 TOTAL 1700 1699 1699

No. Obs.

1696

1700

1696

± 0 F

The said of the

1 32 F

46-72

(OLA) 0.26-5

Zx2

10503596

9690623 8454605 7898892

Z x

132982

128329

78.4

6.722

1.00

75.5 1.408 70.5 2.204 68.2 2.994

Element (X)

Rel. Hum.

Dry Bulb Wat Bulb

Dew Point

#### **PSYCHROMETRIC SUMMARY**

PAGE 1 0000-0200 HOURS (L. S. T.)

| Dew Point        |     | 816   |  |          |    |              | 11 | 79       | 58  |     | 69   | . 3 | 2        | . 3      | 44      |              | 170      | 12      |           |          | T      |              | T             | 80      | 3.9       |            | 6.6         |                |           |           | 1        | 9            |
|------------------|-----|-------|--|----------|----|--------------|----|----------|-----|-----|------|-----|----------|----------|---------|--------------|----------|---------|-----------|----------|--------|--------------|---------------|---------|-----------|------------|-------------|----------------|-----------|-----------|----------|--------------|
| Wet Bulb         |     | 867   | 42   | 13       |    |              | 12 | 14       | 67  |     | 71   | .4  | ī        | .7       | 90      |              | 170      | 2       |           |          |        |              | T             |         | .0        | 2          | 1.8         |                |           |           |          | 9            |
| Dry Bulb         |     | 997   | 47   | 98       |    |              | 13 | 15       | 32  |     | 75   | . 8 | 1        | . 3      | 65      |              | 171      | 15      |           |          |        |              |               | 90      | 0.0       |            | 8.3         |                |           |           |          | 9            |
| Rel. Hum.        |     | 1109  | 50   | 91       |    |              | 13 | 70       | 73  |     | 80   | . 5 | 5        | .7       | 23      |              | 170      | 20      | :         | 0 F      | $\top$ | ≤ 32 F       | _             | ≥ 67    | 7 F       | <b>2</b> 7 | 3 F         | ≥ 80           |           | ≥ 93 F    | -        | Total        |
| Element (X)      |     | Σχ'   | -  |          |    |              | ×  |          |     |     | ¥    | -   |          | - A      | _       | No.          | Obs      | . 1     | _         | L        | _      | Ь_           |               | Mean    | No. of    | Hou        | rs with     | Tempe          | ratu      |           |          | <u> </u>     |
| - 1              |     |       |  |          |    |              |    | -        |     | ]   |      |     |          |          |         | 1            |          |         |           |          |        |              |               |         |           |            |             |                |           |           |          |              |
|                  |     |       | _  | _        |    | 1            |    | _        |     |     |      |     |          | _        |         | 1            |          |         | <u> </u>  | $\perp$  |        | _            |               |         | _         | _          |             |                |           |           |          |              |
|                  |     |       | +  | _        | -  | -            |    | 1        |     | -   |      | _   |          | $\dashv$ |         | +            | $\dashv$ |         | -         | -+       |        | +-           | +             |         | +-        | +          |             |                | +         |           |          |              |
|                  |     |       |  |          |    |              |    |          |     |     |      |     |          |          |         |              |          |         |           |          |        |              |               |         |           |            |             |                |           |           |          |              |
|                  |     |       |  |          |    |              |    |          |     |     |      |     |          |          |         |              | ì        |         |           | i        |        |              | 1             |         |           |            |             |                |           | Ì         |          |              |
|                  |     |       | <u> </u>                                     | _        |    | $\dashv$     |    | -        |     | _   |      |     |          | -        |         | +-           | -+       |         | -         | $\dashv$ |        | -            | +             |         |           | +          |             | ļ              | -+        |           |          | <del> </del> |
|                  |     |       | 1  | <u>,</u> |    |              |    | 1        |     |     |      |     |          |          |         | T            | 一        |         |           |          |        |              | 7             |         |           | 1          |             |                | 7         |           |          |              |
| :                |     |       |  | ļ        |    | - 1          |    |          |     | 1   |      |     |          |          |         |              |          |         |           |          |        |              |               |         | 1         |            |             |                |           |           |          | į            |
| <del></del>      |     |       | <u>.                                    </u> |          |    | <del>-</del> |    |          |     | _   |      |     |          | 4        |         | ļ            | 4        |         | 1         |          |        | ļ            | 4             |         | ↓_        | _          |             |                | 4         |           |          |              |
|                  |     |       | •  |          |    |              |    |          |     |     |      |     |          | 1        |         | 1            | 7        |         | 1         |          |        | † -          | Ţ             |         | $\dagger$ | $\top$     |             |                | $\dagger$ |           |          |              |
|                  |     |       |  | - 1      |    |              |    |          |     |     |      |     |          |          |         |              |          |         |           |          |        |              |               |         |           |            |             |                | ļ         |           |          |              |
|                  |     |       |  |          |    |              |    |          |     |     |      |     | <u> </u> | _        |         | ļ            | _        |         | <u> </u>  | 4        |        | ļ            |               |         | _         | _          |             |                | _         |           |          |              |
|                  |     |       | <del>:</del>                                 |          | -  | +            |    | $\dashv$ |     |     |      |     | -        | $\dashv$ |         | +            | $\dashv$ |         | +         | $\dashv$ |        | -            | +             |         | -         | $\dashv$   |             |                | +         |           |          | <del>:</del> |
|                  | Ī   |       | 1  |          |    |              |    |          |     |     |      |     |          |          |         |              |          |         |           |          |        |              |               |         |           |            |             | 170            | 2         |           | 1702     |              |
| TAL              | . 4 | 7.9   | 43   | . 1      | 42 | . 9          | 5  | . 0      |     | . 6 |      | . 1 |          | . 1      |         |              |          |         |           | 1        |        |              |               |         |           |            |             | ĺ              |           | 1735      |          | 17           |
| 38/ 57<br>34/ 53 |     |       | ₩  | -        |    | +            |    | -        |     |     |      |     |          | -        |         | +            | +        |         | -         | -        |        | +            | 4             |         | +         | +          |             |                | +         |           |          | •            |
| 50/ 59           |     |       |  |          |    |              |    |          |     | 1   |      |     |          |          |         |              | $\neg$   |         |           |          |        |              | 1             |         |           |            |             |                |           |           |          | Ţ            |
| 62/ 61           | 1   |       | 1  | 1        |    | - {          |    |          |     |     |      |     |          | Ì        |         |              | -        |         | 1         | - {      |        |              | -             |         |           |            |             | !              |           |           |          |              |
| 66/ 65           | -   |       | ┼  |          |    | $\dashv$     |    | $\dashv$ |     | _   |      |     |          | -        |         | $\vdash$     | _        |         | ├         | $\dashv$ |        | <del> </del> | -             |         | +         | _          |             | ļ              | _         |           | 12       | 1 12         |
| 58/ 67           | . 1 |       | -  | _        |    |              |    | _        | _   |     |      | _   |          | 7        |         | 1            | 十        |         |           |          |        |              | 7             |         | 1         |            |             | <del> </del> - | 1         | ī         | 59       | 34           |
| 72/ 71<br>70/ 69 | - 1 | 3     | 3  | • 1      |    | • 1          |    | ŀ        |     |     |      |     |          |          |         |              |          |         |           |          |        |              |               |         |           | -          |             | . 2            | 5         | 25<br>6   |          | 3            |
| 14/ 73           |     | 2.2   | 6  | . 6      | 2  | • 1          | 1  | •0       | _   | .3  |      | • 1 |          | $\dashv$ |         | <del>-</del> | _        |         | 1         | _        |        | ļ            | 1             |         | -         |            |             | 21             |           | 213       |          | 1            |
| 76/ 75           |     | 3.3   | 22   | .9       | 25 | • 1          | Ž  | .9       |     | . 3 | _    | •1  |          | . 1      |         | 1 -          | _        |         | $\dagger$ |          |        | <b>†</b>     | 7             |         | † · –     |            |             | 93             | 2         | 955       | 65       |              |
| 78/ 77           | ,   | . 9   | 1 2  | . 4      | 15 | • 5          | 1  | . i      |     |     |      |     |          |          |         |              | l        |         |           |          |        |              |               |         |           | - }        |             | 49             | 3         | 33<br>502 |          |              |
| (F)              | 0   | 1 - 2 |  |          |    |              |    |          | 9 - | 10  | 11 - | 12  | 13 -     | 14       | 15 - 16 | 17 -         | 18       | 19 - 20 | 21        | - 22     | 23 - 2 | 25 -         | 26            | 27 - 28 | 3 29 -    | 30         | <b>23</b> 1 |                |           |           | Wet Bulb | Dew F        |
| Temp.            | ,   |       |  |          |    |              |    |          |     |     |      |     |          |          | ATUR    |              |          |         |           |          |        |              | <del></del> - |         |           |            |             | TOTA           | <u>-</u>  |           | TOTAL    |              |

NFETAC FORM 0-26-5 (D) A) BENE

### **PSYCHROMETRIC SUMMARY**

21603 JUHNSTON ISLAND/PACIFIC IS 45-72 PAGE 1 0300-050

|     |              |  |                               |  | _   |                               | WE  | ET I   | BULB  | TEM  | PER   | ATUR  | ₹E D   | EPRI   | ESSIQ  | N (F  | ·)   |  |  |  | _   |  | _  |  |   |  | TO  | TAL  |   | TOT  | AL   |  |
|-----|--------------|--|-------------------------------|--|---|-------------------------------|---|--|---|--|---|---|--|--------|--|---|--|--|--|--|---|--|--|--|---|--|---|--|---|--|--|--|
| 0   | 1 - 2        | 3 - 4  | T.                            | 5 - 6  | 7 -   | 8                             |   |  |   |  |   |   |  |        |  |   |  | 2 23   | - 24   | 25 -   | 26  | 27 -   | 28   | 29 -   | 30  | × 31   |   |  | Dry Bul   |  |  | Dew Poi  |
|     |              |  | ٨                             |  | ļ —   | . 1                           |   |  |   | +-   |   |   | 1  |        |  | -   |  | -  |  |  | 1   |  | -  |  |   |  | +   |  |   | _  |  |  |
|     | . 9          | 9.   | 3                             | 8.5  | 1   | ۵.                            | ٠   |  |   |  |   |   | 1  |        |  |   |  |  |  |  | ĺ   |  |  |  |   |  | ;   |  |   |  |  |  |
|     | 2.8          | 26.  | 5 2                           | 7.1  | 2   | . 1                           |   | . 1  |   | _  |   |   | +  |        | _  | +   |  | +  |  | -  | _   |  | -+   |  | -+  |  |   |  |   | ŏ  | 45   |  |
| - 1 | 2.5          | 8  | 6                             | 4.5  | 1   | . 5                           |   | 3  | . 1   | ıl   |   |   |  |        |  |   |  |  |  |  | 1   |  | 1  |  | - {   |  |   |  |   | 7  |  | 10   |
|     | 1.3          | 1.   | Ť                             | . 2  | •   | - 1                           |   |  |   |  | _   |   | +  |        | _  | $\dashv$  |  | +  |  | <u> </u>   |   |  | $\dashv$   |  | -+  |  | <del> </del>  |  |   | × -  | 714  | 36   |
|     | 2            | -  | 7                             | .1   | '   | _                             |   |  |   | 1  |   |   | İ  |        | İ  | - 1   |  | 1  |  |  | ĺ   |  | - [  |  | - [   |  | 1   | , ,  |   |  | 30   | 57   |
|     |              | 1-   | +                             |  |   | _                             |   | +  |   | <del> </del>   |   |   | +  |        |  | +   |  | +  |  | -  | -   |  | -  |  | -+  |  | <del> </del>  | =  |   | 1-   | 90   | 10<br>36<br>57   |
|     | 1            |  |                               |  | ,   |                               |   |  |   | 1  |   |   |  |        | 1  |   |  | 1  |  | ļ  | i   |  |  |  |   |  | 1   |  |   | 1  |  | 12   |
|     |              | $\vdash$   | +                             |  | <del>                                     </del>  | -                             |   | -†   |   | -  |   |   | +  |        | ; ─  | $\dashv$  |  | +-   |  | <del>                                     </del>                 | -   | _  | +  |  | +   |  | $\vdash$  |  | <del> </del>  | +  | +  | 12   |
|     |              |  |                               |  | 1   | -                             |   | 1  |   |  |   |   |  |        | 1  | - 1   |  |  | !  | 1  | ĺ   |  |  |  |   |  |   |  |   |  | 1  | 1  |
|     |              |  | +                             |  | _   | -+                            |   | -+   |   |  |   |   | +  |        | <del> </del> -   | $\rightarrow$   |  | +-   |  | <del>,                                     </del>                | 7   | _  | _  |  | _   |  | $\vdash$  |  |   | +-   | -7   |  |
|     | ]            | İ  |                               |  | 1   | 1                             |   | - 1  |   |  | 1   |   |  |        | 1  |   |  |  | i  | İ  | i   |  |  |  |   |  | 1   |  |   |  | [  |  |
|     |              |  | +                             |  | _   | 7                             |   | +  |   | †-   | $\neg$  |   | +  |        | <del>  -</del>   | $\dashv$  |  | +-   | _  |  |   | _  | $\dashv$   |  | $\dashv$  |  | +   |  | <del> </del>  | +-   | +  |  |
| . 1 | 7.7          | 46.  | 44                            | 0.6  | 4   | <b>.</b> 9                    | _   | . 2  | . 1   | l  |   |   |  |        | 1  |   |  |  |  | 1  |   |  | - 1  |  | - 1   |  |   |  | 173   | 6  |  | 170  |
|     |              | 1:   | +                             |  | <del>  •</del>  | <del></del>                   | <u>·</u>  | 7  |   | 7  |   |   | +  |        | <del> </del>   | -   |  | <del>                                     </del>   |  | _  | -   |  |  |  | +   |  | 1   | 703  |   |  | 703  |  |
|     | !            | i  | - }                           |  |   |                               |   | - 1  |   | ı  |   |   |  |        |  |   |  |  |  | Ì  | - !   |  |  |  |   |  | -   |  |   | •  |  |  |
|     |              |  | +-                            |  |   | -                             |   | 1  |   | +-   |   |   | +  |        | _  | $\dashv$  |  | +  |  | _  |   | _  | _  |  | +   |  | +   |  | <u> </u>  | +  | $\rightarrow$  |  |
|     |              |  | - !                           |  |   |                               |   | - }  |   |  |   |   | 1  |        | Ì  | l   |  |  |  |  | - 1   |  | 1  |  | 1   |  |   |  |   |  | - 1  |  |
|     |              | +  | -+-                           |  |   | -                             |   | +  |   | <u> </u>   |   |   | +  |        | _  | 十   |  | +-   | _  | $\vdash$   | 7   |  | _  |  | +   |  | 1   |  | <del></del> -   | +  | -  |  |
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|     |              | <del>                                     </del> | +                             |  | <del>                                     </del>  | -                             |   | -  |   | +  |   | _   | +  |        | <del>                                     </del>   | +   |  | +  | _  |  |   | <u> </u>   | +  |  | $\dashv$  |  | 1   |  | <del>                                     </del>  | +-   | $\rightarrow$  |  |
|     |              |  |                               |  | 1   | İ                             |   | -  |   |  |   |   |  |        | 1  |   |  |  |  | !  | ļ   |  | 1  |  |   |  | 1   |  |   |  | !  |  |
|     | <del></del>  | <del></del>                                      | -+-                           |  | -   |                               |   | +  |   | 1  |   |   | +  |        | +  | -+  |  | +-   |  | +-   | -   | —  | +  |  | 十   |  | <del> </del>  |  | <del>                                     </del>  | +  | +  |  |
|     | :            |  | 1                             |  |   |                               |   |  |   |  |   |   |  |        | 1  |   |  | 1  |  |  | - }   |  | 1  |  | -   |  | 1   |  |   |  |  |  |
|     | <del> </del> | <del>:</del>                                     | +                             |  | <del> </del>  |                               |   | -+   |   | +-   | _   | -   | +  |        | <del> </del>   | -+  |  | +  | _  | -  | -   |  | $\dashv$   |  | +   |  | $\vdash$  |  | <del> </del>  | +  | -+   |  |
|     |              |  | ļ                             |  | i   |                               |   | j  |   |  |   |   |  |        |  | - 1   |  | İ  |  |  | - 1   |  | ]  |  |   |  | 1   |  | ŀ   | ĺ  | -  |  |
|     | ZX,          |  | +                             |  | Zx  |                               | $\neg$  | _  | X   | +-   | ٠,  | ٦-  | <del></del>  | 10. DI | bs.  | ┰   | _  |  | _  |  | _   | Me   | on N   | o. of  | Hou   | rs wit   | h Ter   | npera  | ture  | —  |  |  |
|     |              | 274  | 3                             |  | 13  | 75                            | 29  | - (  | 80.1  | 5  | . 4   | 11  | -  |        |  | $\top$  |  | F  | Τ.   | : 32   | F   |  | _  |  | _   |  | ·   |  | <del></del>   | F  | T  | otal   |
|     | 989          | 140  | 8                             |  | 13  | 10                            | 11  | _  | 75.9  | í  | . 3   | 84  |  | 11     | 30   | $\top$  |  |  | Τ-   |  | 7   | _  | _  |  |   |  |   | _  | <del>                                     </del>  | -  |  |  |
|     |              |  |                               |  |   |                               |   | -  | 71.1  | i  | .7  | 77  | _  | 1      | 103  | +   |  |  | Τ-   |  | $\dashv$  |  |  |  |   |  |   |  | 1   | _  |  | 9  |
|     | 774          |  | -                             |  |   |                               |   |  |   |  |   |   |  |        | **   | +   |  |  | +-   |  |   |  |  |  |   | 4  | <del>3</del> —-   |  | -   |  |  |  |
|     | .1           | 2 x 1 2 3 3 2 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3      | 2.926. 1.3117.746.  1.37.746. | 9 9.3<br>2.826.52<br>12.5 6.6<br>1.3 1.3<br>.2 | 2, 9 9, 3 8, 5 2, 826, 527, 1 2, 5 8, 6 4, 5 1, 3 1, 3 .2 .1 .2 .1 .2 .1 .1 .2 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .2 .1 .1 .1 .2 .1 .1 .1 .2 .1 .1 .1 .2 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 | 2x' 2x 11162743 13 6617489 12 | 2,926,527,1 2.3 2,926,527,1 2.3 1,3 1.3 .2 .1 .2 .1 .1 7.746.440.6 4.9 .1 7.746.440.6 4.9 .1 1162743 1375 9891408 1310 8617489 1211 | 2.826.527.1 2.3 .1 .2 .1 | 1 1 2 3 4 5 6 7 8 9 10  9 9 3 8 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 2 3 4 5 6 7 8 9 10 11 12 9 9 3 8 5 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 2 3 4 5 6 7 8 9 10 11 12 13 9 9 3 8 5 1 0 1 1 12 13 9 9 3 8 5 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 9 9 3 8 5 1 0 1 1 12 13 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 2.926.527.1 2.3 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 | 1      | 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18  9 9 3 8 5 1 0  2 8 2 6 5 2 7 1 2 3 1  1 2 5 6 6 4 5 1 5 2 1  1 3 1 3 2 1  2 1 7 7 4 6 4 0 6 4 9 3 1  2 x | 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 9 9 3 8 5 1 1 2 1 2 1 3 14 15 16 17 18 19 9 9 3 8 5 1 1 2 1 2 1 3 14 15 16 17 18 19 9 1 2 8 2 6 5 2 7 1 2 2 3 1 2 3 1 2 3 1 2 3 1 2 3 1 3 1 2 3 1 3 1 | 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  9 9 3 8 5 1 1 2 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  2 9 26 5 27 1 2 3 1 3 2 1 3 1 3 1 3 1 4 1 5 1 6 17 18 19 20  1 3 1 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 7, 7, 7, 46, 46, 3, 6, 4, 9, 2, 1, 1, 1, 2, 2, 3, 1, 3, 1, 3, 1, 2, 3, 1, 3, 1, 3, 1, 2, 3, 1, 3 | 11162743 137529 80.0 1.30 17.12 13.14 15.16 17.18 19.20 21.22 23 2x, | 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 | 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 6 6 6 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 | 1 1 1 6 2 7 4 3 1 3 1 5 1 6 7 - 8 9 . 10 11 - 12 13 . 14 15 - 16 17 · 18 19 · 20 21 · 22 23 · 24 25 - 26 9 9 · 3 8 · 5 1 · 1 2 2 3 · 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 | 2 1 2 3 4 5 6 7 8 9 10 11 - 12 13 14 15 - 16 17 - 18 19 - 20 21 22 23 - 24 25 - 26 27 - 2 8 2 6 . 5 2 7 1 2 3 . 1 2 3 . 1 2 2 3 2 4 25 - 26 27 - 2 8 2 6 . 5 2 7 1 2 3 . 1 2 3 . 1 2 3 1 3 3 . 2 . 1 2 2 3 1 3 3 . 2 . 1 3 3 . 2 . 1 3 3 . 2 . 1 3 3 . 2 . 1 3 3 1 3 3 . 2 . 1 3 3 1 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 | 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 doi: 10.20 21.22 23.24 25.26 27.28 2 | 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.  . | 0 1.2 3.4 5.6 7.0 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 9 9.3 8.5 1.0 2 1 1 2 1 2 . | 2 3 4 5 6 7 6 9 10 11 12 13 14 15 14 17 16 19 20 21 22 23 24 25 26 27 28 29 30 31 2 9 9 9 3 8 5 1 9 9 1 2 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 | 0 1-2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 -31 D.B.  .9 9.3 B.5 1.0  2.820.527.1 2.3 .1  .1 7.746.40.6 4.9 .2 .1  .1 7.7746.40.6 4.9 .2 .1  1.1 7.7746.40.6 4.9 .2 .1  2.82 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2. | 0 1-2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 -31 D.B. w.B | 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 336 34 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 336 34 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1 1001 102 21-22 23-24 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. W.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 -31 D.B. Dry Bull 17 1001 102 25-26 27-28 29-30 D.B | 0 1.2 3.4 5.6 7.8 9.10   11.12   13.14   15.16   17.18   19.20   21.22   23.24   25.26   27.28   29.30   23.1   17   17   17   17   17   17   17 | 0 1.2 3.4 5.6 7.8 0.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 27.30 7.31 0.87 8.15 1.7 17 17 17 17 17 17 17 17 17 17 17 17 17 |

FORM 0-26-5 (OL.A) REVISED MEVIOUS EDITIONS OF THIS FORM.

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21603 STATION

#### **PSYCHROMETRIC SUMMARY**

90.0 88.4 88.7 26.2 81.4 7.3

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0600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 82/ 81 80/ 79 2.1 3.9 2.7 .611.520.9 6.2 2.915.818.5 3.0 1.9 3.9 1.6 .8 .2 687 703 78/ 77 672 1 692 80 76/ 75 11 128 415 722 402 61 74/ 73 .1 1.9 148 . 3 150 . 4 72/ 71 1.0 • 1 26 26 397 70/ 69 • 1 . 1 365 68/ 67 441 66/ 65 106 34 11 64/ 63 62/ 61 60/ 59 58/ 57 56/ 55 54/ 53 TOTAL .2 6.533.845.112.7 1.5 1736 1705 1705 1705 Element (X) No. Obs. 78.9 6.272 76.4 1.653 71.5 1.876 69.3 2.468 10684567 134547 1705 Rel. Hum. 267 F | 273 F | 280 F | 293 F ± 0 F ≤ 32 F

1736 1705

1705

45-72

ã õ 0-26-5

Dry Bulb

Wet Bulb

Dew Point

### **PSYCHROMETRIC SUMMARY**

21603 JOHNSTON ISLAND/PACIFIC IS 45-72 APR PAGE 1 0900-1100

| 86/ 85<br>84/ 83<br>52/ 81<br>80/ 79<br>78/ 77<br>76/ 75<br>74/ 73<br>72/ 71<br>70/ 69 | 0             | • 1  | 3 - 4 | 5 - 6  | 7 - 8         | 9 - 10 | 11 - 12 | 12 . 14 | 15 16            | 10           | 1.0 00       |         |  | 1          |             | T            |              | 7            |          |                  |        |
|--|---------------|------|-------|--|---------------|--------|---------|---------|------------------|--------------|--------------|---------|--|------------|-------------|--------------|--------------|--------------|----------|------------------|--------|
| 84/ 83<br>82/ 81<br>80/ 79<br>78/ 77<br>76/ 75<br>74/ 73<br>72/ 71                     |               |      | • 1   |  | T             |        |         |         | 13 - 10          | 17 - 18      | 19 - 20      | 21 - 22 | 23 - 24  | 25 - 26    | 27 - 28     | 29 - 30      | ≥ 31         | D.B. W.B.    | Dry Bulb | Wet Bulb         | Dew Po |
| 84/ 83<br>82/ 81<br>80/ 79<br>78/ 77<br>76/ 75<br>74/ 73<br>72/ 71                     |               |      | . 1   |  | 1 /           | . 1    | . 1     |         |                  |              |              |         |  |            |             |              |              | 2            | 2        |                  |        |
| 82/ 81<br>80/ 79<br>78/ 77<br>76/ 75<br>74/ 73<br>72/ 71<br>70/ 69                     |               |      |       | . 2  | 1.3           |        |         |         |                  |              |              |         | İ  |            |             |              | !            | 61           | 61       | }                |        |
| 80/ 79<br>78/ 77<br>76/ 75<br>74/ 73<br>72/ 71<br>70/ 69                               | !             |      |       | 4.6  | 10.8          | 4.5    | .4      |         |                  |              | 1            |         | 1  |            |             |              |              | 368          |          |                  |        |
| 78/ 77<br>76/ 75<br>74/ 73<br>72/ 71<br>70/ 69   | $\rightarrow$ | . 2  |       | 17.5   | 17.2          | 3.7    | . 4     |         |                  |              | ļ            |         | i  |            |             |              | i            | 734          |          |                  |        |
| 76/ 75<br>74/ 73<br>72/ 71<br>70/ 69   | 1             | . 5  | 6.3   | 9.3  | 5.7           | 1.3    | . 2     | • 2     |                  |              |              |         | ļ  |            |             | <del> </del> | i            | 400          |          |                  | 1      |
| 74/ 73<br>72/ 71<br>70/ 69   | !             | 1.3  | 2.5   | 1.5  | 7             |        | • 1     |         |                  |              |              |         |  | İ          |             |              | ĺ            | 104          |          |                  |        |
| 72/ 71   | . 1           |      |       | • 1  |               |        |         |         |                  | <del> </del> | <del> </del> |         | <del> </del>                                     |            |             | <del> </del> | <u></u>      | 27           |          |                  | 24     |
| 70/ 69   | • •           | ž    | •••   | . i  |               |        |         |         |                  | 1            | Ì            |         |  | '          |             |              |              | - 5          |          | 511              |        |
|  |               | . 1  |       | <b>•</b> • •                                     |               |        | -       |         | -                |              | l            |         |  |            | <del></del> |              |              | 1            | - 1      | 130              |        |
| 68/ 67   |               | • •  |       |  |               |        |         |         |                  |              | 1            |         |  |            |             | ĺ            |              | •            | -        | 22               |        |
| 66/ 65   | -             |      |       | <del>                                     </del> | $\vdash$      | -      |         |         |                  | <del> </del> | <del> </del> |         | <del>                                     </del> |            | -           |              | -            | !            |          |                  | 9      |
| 64/63  |               |      |       |  |               |        |         |         |                  |              |              |         |  |            |             |              |              |              |          | 7                | 2      |
|  |               |      |       | <b> </b>   | <del>  </del> |        |         |         | -                |              | -            |         | <b></b>  |            |             |              | <del> </del> | -            |          | 4                |        |
| 62/ 61   |               |      |       |  |               |        |         |         |                  |              |              |         |  |            |             |              |              |              | l        |                  |        |
| 60/ 59   | <del>}</del>  |      |       |  | $\vdash$      | _      |         |         |                  |              | <b>—</b>     |         |  | <b>—</b> — | ļ           | -            |              | <del> </del> |          | i                |        |
| 58/ 57   |               |      |       |  | [ [           |        |         |         |                  | }            |              |         | )  |            |             |              |              |              |          |                  |        |
| 56/ 55   |               | 2 0  |       | 77 7   | 35.7          | 4 8 4  |         | 4       |                  | <u> </u>     |              |         | ļ  |            |             |              |              | <del> </del> | 1997     |                  |        |
| DTAL   | • 1           | 2.8  | 13.5  | 22.3   | 22.1          | 11.2   | 1.0     | . 2     |                  |              |              |         |  |            |             |              |              |              | 1736     |                  | 170    |
|  |               |      |       |  |               |        |         |         |                  |              |              |         |  |            |             |              |              | 1702         |          | 1702             |        |
|  | İ             |      |       | <br>   |               |        |         |         |                  |              |              |         |  |            |             |              |              |              |          |                  |        |
|  |               |      |       | <b></b>  | <b></b>       |        | L       |         |                  |              | L            |         |  |            |             |              |              |              |          |                  |        |
| }  |               |      |       | 1  |               |        |         |         |                  | İ            |              |         |  |            |             |              |              | i .          | ĺ        |                  |        |
|  |               |      |       | !  |               |        |         |         |                  | ļ<br>———     |              |         |  |            |             |              |              |              |          |                  |        |
| i  |               |      |       | ł  | 1             |        |         |         |                  |              |              |         |  |            |             |              |              |              |          |                  |        |
|  |               | ì    |       | ·  |               |        |         |         |                  |              |              |         |  |            |             |              |              |              |          |                  |        |
|  |               |      |       | i<br>İ   |               |        |         |         |                  |              |              |         |  |            |             |              |              |              |          |                  |        |
| 1  | ;             | i    |       |  |               |        |         |         |                  |              |              |         | i  |            |             |              |              |              |          |                  |        |
|  |               |      |       |  |               |        |         |         |                  |              |              |         |  |            |             |              |              |              |          |                  |        |
| f  | -             |      |       | 1  |               |        |         |         |                  |              |              |         |  |            |             |              |              |              |          | }                |        |
| 1  | i             |      |       |  |               |        |         |         |                  |              |              |         |  |            |             |              |              |              |          | 1                |        |
| j  |               | -    |       |  |               |        |         |         |                  |              |              |         |  |            |             |              |              |              |          |                  |        |
|  |               |      |       |  |               |        |         |         |                  |              |              |         |  |            |             |              |              |              |          |                  |        |
| ]  |               | i    |       | ļ  |               |        |         |         |                  |              |              |         | 1  |            |             |              |              |              |          |                  |        |
|  |               |      |       |  |               |        | h       |         |                  |              | <del> </del> |         |  |            |             |              |              | <del> </del> |          |                  |        |
| ł  |               | į    |       |  |               |        |         |         |                  |              |              |         |  |            |             |              |              |              |          |                  |        |
| Element (X)  |               | Z x² |       |  | Z x           | $\top$ | X       | •,      | Ţ                | No. Ob       | 5.           |         |  |            | Mean N      | lo. of Ho    | ours with    | Temperat     | ure      |                  |        |
| lel. Hum.  |               |      | 3022  |  | 1261          | oa     |         | 7.2     | 88               |              | 20           | = 0     | F :  | 32 F       | ≥ 67        |              | 73 F         | ≥ 80 F       | ≥ 93 F   | 1                | Total  |
| Dry Bulb   |               | 1091 |       |  | 1376          | 16     | 79.2    | 1.9     | 91               |              | 36           |         | ·  |            | 90          |              | 89.7         |              |          | <del>-  </del> - | -      |
| Wet Bulb   |               |      | 1758  | <del>                                     </del> | 1241          | 11     | 72.6    | 1.9     | <del>i 3</del> - |              | 02           |         |  |            | 89          |              | 34.4         |              | <b>4</b> |                  |        |
| Dew Point  |               |      | 1650  |  | 1194          | 22     | 70      | 2.6     | <del>33</del>    |              | 02           |         |  |            |             | ·d           | 16.2         |              | +        |                  | -      |

# **PSYCHROMETRIC SUMMARY**

| <del>,</del> |     |       |        |  |       |         |      |     |     |  |         |         |         |         |         |           |           | 1         |        | HOURS | C. 3. 1. · |
|--------------|-----|-------|--------|--|-------|---------|------|-----|-----|--|---------|---------|---------|---------|---------|-----------|-----------|-----------|--------|-------|------------|
| Temp.        |     |       | r      |  | -     |         |      |     |     | DEPRE  |         |         |         | ,       |         |           | ,         | TOTAL     |        | TOTAL |            |
| (F)          | 0   | 1 - 2 | 3 - 4  | 5 - 6  | 7 - 8 |         | +    |     |     | 17 - 18                                      | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30   | ≥ 31      | D.B. W.B. |        |       | Dew Po     |
| 86/ 85       |     |       | 1      | • i  | 1 -   | 1.0     |      |     | ł   |  |         | ļ       |         |         |         | İ         |           | 37        |        |       | ł          |
| 84/ 83       |     |       | • 1    | 1-1  | 4.8   |         |      |     |     |  |         |         |         |         |         |           |           | 216       |        |       |            |
| 82/ 81       |     |       | 1.9    |  |       | 9.7     |      |     |     |  |         | 1       |         | '       |         |           | :         | 613       |        |       | J          |
| 80/ 79       |     |       |        |  | 13.6  |         | .6   | •1  | • 1 | <u>.                                    </u> |         |         |         |         |         |           | <u> </u>  | 552       |        |       |            |
| 78/ 77       |     | . 4   | 3.2    | 4.5  |       |         | . 3  | • 1 |     |  |         | 1       |         |         |         |           |           | 189       |        | 78    |            |
| 76/ 75       | . 1 | . 6   | 1.7    | 1.3  | . 2   | • 1     | - 1  |     |     |  |         |         |         |         |         |           |           | 69        | 70     | 406   | 7          |
| 74/ 73       | • 1 | . 5   | . 5    |  |       | I       |      |     |     | Ţ  |         |         |         |         |         |           |           | 17        | 18     | 659   | 27         |
| 72/ 71       | . 1 | .2    | . 2    | 1  |       |         |      |     | }   |  |         |         |         |         |         |           |           | 7         | 7      | 430   | 45         |
| 70/ 69       |     | • 1   |        |  |       |         |      |     |     |  |         |         |         |         |         |           | ì         | 1         | 3      | 92    | 51         |
| 68/ 67       |     |       | ]      |  |       |         | !    |     |     |  |         |         |         |         |         |           | 1         | (         |        | 22    |            |
| 66/ 65       |     |       |        |  |       |         | [    |     |     |  |         |         |         |         |         |           |           |           |        | 5     | 6          |
| 64/ 63       |     |       |        |  |       |         | 1    | 1   |     |  |         |         |         |         |         |           |           |           |        | 4     | 2          |
| 62/ 61       |     |       |        | 1  | i -   | T-      |      |     |     |  |         | 1       |         |         |         |           |           | 1         |        |       |            |
| 60/ 59       |     |       |        | -  |       |         |      |     |     | 1  |         | ļ       |         | ]       |         |           | ı         | 1         |        |       | !          |
| 58/ 57       |     |       |        | f  | 1     |         |      |     |     | T  |         |         |         |         |         |           | -         |           |        |       |            |
| 56/ 55       |     |       | l      |  |       |         | ļ    | ł   | ]   |  |         |         |         |         | i       |           |           |           |        |       |            |
| 54/ 53       |     |       | 1      |  | 1     | <b></b> |      |     |     |  |         | 1       |         |         |         |           |           |           |        |       |            |
| OTAL         | . 2 | 1.8   | 10.6   | 26.3   | 37.0  | 20.7    | 2.9  | 5   | .1  | ıl.  |         |         | }       | 1       |         |           |           | ļ         | 1735   |       | 170        |
|              |     |       |        |  |       |         |      |     |     |  |         |         |         |         |         |           |           | 1701      |        | 1701  |            |
|              |     |       | ļ<br>  | <del>                                     </del> |       |         |      |     |     |  |         |         |         |         |         |           |           |           |        |       |            |
|              |     |       |        |  |       |         |      |     |     |  |         |         |         |         |         |           |           |           |        |       |            |
|              |     |       | ļ<br>, |  |       |         |      |     |     |  |         |         |         |         |         |           |           |           |        |       |            |
|              |     |       |        |  |       |         |      |     |     |  |         |         |         |         |         |           |           |           |        |       |            |
| lement (X)   |     | Σχ²   |        |  | z x   |         | X    | •,  |     | No. Ob                                       | s.      |         |         |         | Mean 1  | lo. of Ho | ours with | Tempera   | ture   |       |            |
| Rel. Hum.    |     |       | 0153   |  | 1224  | 19      |      | 7.6 |     |  | 01      | ± 0     | F       | 32 F    | ≥ 67    |           | 73 F      | + 80 F    | e 93 I |       | Total      |
| Dry Bulb     |     | 1121  | 4311   | 1  | 1394  | 112     | 80.4 | 2.2 | 33  | 17   | 35      |         |         |         |         |           | 89.5      |           |        | _     |            |
| Wet Bulb     |     | ***   | 3254   | <del>]</del>                                     | 124   |         | 73.4 | 2.0 | 17  | 19   | 01      |         |         |         |         |           | 60.7      |           | 4      |       | 9          |
| Dew Point    |     |       | 5137   |  | 119   |         | 70.1 | * Y |     | - 4 '  | 00      |         |         |         |         | d         | 19.0      |           |        |       |            |

PORM 0.26-5 (OL.A) REYSED PREVIOUS EDITIONS OF THIS FORM ARE C

### **PSYCHROMETRIC SUMMARY**

Z1603 JUHNS FON ISLAND/PACIFIC IS 45-72 PAGE 1 1500-1700

| Temp.       |     |  |              |  |              | WET  | BULB   | TEMPER         | RATURE       | DEPRES             | SION (F)    |                   | _           |               |             |             |      | TOTAL          |          | TOTAL    |        |
|-------------|-----|--|--------------|--|--------------|--|--|----------------|--------------|--------------------|-------------|-------------------|-------------|---------------|-------------|-------------|------|----------------|----------|----------|--------|
| (F)         | 0   | 1 - 2  | 3 - 4        | 5 - 6  | 7 - 8        |  |  |                |              |                    |             | - 22 23           | - 24 25     | - 26          | 27 - 28 2   | 9 - 30      | e 31 | D.B. W.B.      | Dry Bulb |          | Dew Pa |
| 88/ 87      |     | +  | <u> </u>     | †  |              |  | • 1  |                | 1            | 1                  |             |                   |             |               |             |             | :    | ·              | 1        |          | -      |
| 86/ 85      |     | İ  |              |  |              | . 3  | .3   |                |              |                    |             |                   |             | į.            | ļ           | ļ           |      | 10             | 10       |          |        |
| 84/ 83      |     | †  | t            | .2   | 1.3          | 2.3  | . 5  |                | <b></b>      | + +                |             | -+-               |             | -+            | <del></del> |             |      | 73             | 10<br>73 |          |        |
| 82/ 81      |     |  | . 8          | 4.9  | 10.7         | 4.6  |  |                | ļ            | 1 1                |             | -                 |             | 1             | ì           | ļ           |      | 363            |          |          |        |
| 80/ 79      |     | • 1  | 3.9          | 14.9   | 16.9         | 3.5  |  |                |              | <del></del>        |             |                   |             | -+            |             | +           |      | 678            | 688      |          |        |
| 78/ 77      |     | . 6  | 5.2          | 3.2  | 6.0          | 1.1  | . 2  |                |              | 1 1                | i           |                   | i           |               |             |             |      | 413            |          |          |        |
| 76/ 75      | • 1 |  | 2.4          | 3.2  | .5           |  | 1  |                |              | -                  |             |                   |             | -+            |             |             |      | 128            | 129      |          |        |
| 74/ 73      | i   |  | . 8          | •1   |              |  | •  |                | 1            |                    | į           |                   | İ           |               | ļ           |             |      | 33             | 35       |          |        |
| 72/ 71      |     | . 5  |              |  |              |  |  |                | !            | -                  |             |                   |             | -+            | +-          |             |      | - 3            | 10       |          |        |
| 70/ 69      |     | •  |              |  |              |  |  | l<br>I         |              |                    |             |                   |             | - 1           |             | - 1         |      | 1              |          | 157      |        |
| 68/ 67      |     | <del>                                     </del>   |              |  | <u> </u>     | <del></del>                                      | 1  |                | 1            | · +                |             |                   |             | -  -          |             |             |      |                |          | 22       |        |
| 66/ 65      |     |  |              |  |              |  |  |                |              |                    |             |                   | !           | - }           | ł           | -           |      | i              |          | 6        |        |
| 64/ 63      |     | <del> </del>                                       |              | _  | <del> </del> | <u> </u>   | <del>                                     </del> |                | +            | -+                 |             |                   |             | $\dashv$      |             | <b>-</b> -÷ |      | <del>   </del> |          | - ĭ      |        |
| 62/ 61      |     |  |              |  |              |  |  |                |              |                    |             |                   | İ           |               |             | į           |      |                | i        | -        | -      |
| 60/ 59      |     | <del></del>  | -            | _  | -            |  | <del>}</del>                                     | <del> </del>   | -            | <del>       </del> | <del></del> | <del>-  -</del> - | <del></del> | -+            |             | <u>i</u>    |      | !              |          |          |        |
| 58/ 57      |     | i  | i            |  | ļ            | İ  |  |                | l            |                    | -           |                   | - 1         |               | į           |             |      | :              |          | !        |        |
| 56/ 55      |     | <del></del>  |              | <del> </del> -                                   |              | <del>                                     </del> | <del> </del> -                                   |                |              | +                  |             |                   | +           | -+            |             | +           |      |                |          |          |        |
| OTAL        | ر ۔ | 3.2  | 13.1         | 34.4   | 35.4         | 11.8   | 1.9  | . 1            |              |                    |             |                   | - [         |               | ļ           |             |      | i              | 1737     | !<br>! : | 170    |
| <u> </u>    |     |  |              |  |              |  | 1  |                | <del> </del> | +-+                |             |                   | -+          | -+            |             | -+          |      | 1708           | 1131     | 1708     | - 1/   |
| İ           |     | İ  |              | 1  | i            |  | !  | ļ              | 1            |                    | ı           |                   |             |               |             |             |      | 1100           |          | 1,00     |        |
|             |     | <del></del>  |              |  |              | <del> </del>                                     | <del> </del>                                     |                | <del> </del> | ++                 |             |                   |             | -+            |             |             |      |                |          |          |        |
|             |     |  |              |  | į            | ļ  | ļ  | l              | l            | ! !                | 1           |                   | - 1         | ļ             | ļ           | 1           |      | ļ (            | į        |          |        |
|             |     | <del> </del>                                       |              | <del> </del>                                     |              |  | <del> </del>                                     |                |              | <del> +</del>      |             |                   | -           | $\dashv$      |             |             |      |                |          |          |        |
|             |     | :  | :<br>6       | 1  |              |  | İ  | 1              |              |                    |             |                   |             |               | - 1         | 1           |      |                |          |          |        |
| <del></del> |     |  |              | <del> </del>                                     | <u> </u>     |  |  |                |              | +                  |             |                   |             | $\rightarrow$ |             |             |      |                |          |          |        |
| İ           |     | 1  | l<br>İ       | İ  |              |  | !  |                |              |                    | }           | - 1               |             | - 1           | - 1         | -           |      | 1 1            |          | :        |        |
|             |     | <del>.                                      </del> |              |  | ļ            | <del> </del>                                     |  | ·              |              | <del>   </del> -   |             |                   |             | $\rightarrow$ |             | -           |      |                |          |          |        |
|             |     | 1  | İ            |  |              |  |  |                | İ            | ; 1                |             |                   |             |               | l l         |             |      |                | 1        |          |        |
|             |     | <del>                                     </del>   |              |  |              | ļ  | <del> </del>                                     |                |              | <del>  -</del>     |             |                   |             | -+            |             |             |      |                |          |          |        |
|             |     |  |              |  |              | l<br>I   | }  |                | \            | <u> </u>           | 1           | 1                 | 1           | 1             | 1           |             |      |                |          |          |        |
|             |     | <del>├</del>                                       | <del> </del> | <del> </del> -                                   |              | <del> </del>                                     | <del> </del> -                                   |                | -            |                    |             |                   |             | $\dashv$      |             |             |      |                |          |          |        |
|             |     |  |              |  |              |  |  |                |              |                    |             | İ                 |             | - 1           | 1           |             |      |                |          | j        |        |
| +           |     | <del> </del>                                       | <del></del>  | <del>                                     </del> |              |  | -  |                |              | <b>├</b> ──┼       | -+          |                   | -+-         | -+            |             |             |      |                |          |          |        |
|             |     | 1  |              |  |              |  |  | \              |              |                    | Ì           | )                 |             | 1             | ĺ           | 1           |      |                | Ì        |          |        |
| Element (X) |     | Zx2  |              |  | Z X          |  | X  | σ <sub>8</sub> | <u> </u>     | No. Obs.           | <del></del> |                   |             |               | Maga N-     | al Ma       |      | Temperati      |          |          |        |
| Rel. Hum.   |     |  | 4736         |  | 1263         | 1.0  | 74.0   |                |              | 170                |             | * A E             | : 32        | $\overline{}$ |             |             |      |                |          |          |        |
| Dry Bulb    |     | 1090   |              |  | 1375         |  | 79.2   |                |              | 173                |             | ± 0 F             | : 32        | -             | ≥ 67 F      | 2 7         | 9.5  | ≥ 80 F         | ≥ 93 F   |          | otal   |
| Wet Bulb    |     |  |              |  |              |  | 77.6   | 4.7            | 13           |                    |             |                   | <b>├</b> ┈─ | -+            | 90.         |             |      |                | 9        |          |        |
|             |     |  | 2243         |  | 1243         |  | 12.5   | 1.9            | 14           | 170                |             |                   | ⊢—          |               | 89.         | 9 3         | 1.7  |                | <b>↓</b> |          |        |
| Dew Point   |     | -,0  | 6480         | l  | 1196         | UZ   | 70.0   | Z.J            | 0.4          | 170                | 15          |                   | I           | 1             | 83.         | <b>4</b> 1  | 3.3  | i              | 1        |          |        |

# **PSYCHROMETRIC SUMMARY**

| STATION -   | าก  | HNST       | ON I                                  | SLAN   | D / PA   |        | CIS     |               |         | 45-           | 72      |                  |               |         | ARS         |         |  |             |        | A          | PR     |
|-------------|-----|------------|---------------------------------------|--|----------|--------|---------|---------------|---------|---------------|---------|------------------|---------------|---------|-------------|---------|--|-------------|--------|------------|--------|
| 3147104     |     |            |                                       | 31   | A. ON N. | ME     |         |               |         |               |         |                  |               | ""      | 44.5        |         |  | PAGE        | 1      | 1800       | -200   |
| Temp.       |     |            |                                       |  |          |        |         |               |         | DEPRE         |         |                  |               |         |             |         |  | TOTAL       |        | TOTAL      |        |
| (F)         | 0   | 1 - 2      | 3 - 4                                 | 5 - 6  | 7 - 8    | 9 - 10 | 11 - 12 | 13 - 14       | 15 - 16 | 17 - 18       | 19 - 20 | 21 - 22 2        | 23 - 24 2     | 25 - 26 | 27 - 28     | 29 - 3  | 0 231  | D.B. W.B. D |        | Wet Bulb ( | Dew Po |
| 82/ 81      |     |            | _                                     | . 5  | . 4      | • 1    |         |               |         |               |         |                  | -             |         |             |         | 1  | 16          | 16     |            | _      |
| 80/ 79      |     | <u>. 1</u> | 1.7                                   |  | 1.9      | • 4    |         |               |         |               |         | ļ                |               |         |             |         |  | 166         | 168    |            |        |
| 78/ 77      | • 1 | 1 . 3      |                                       | 29.9   | 8.4      | • 4    |         | i             |         |               |         |                  |               |         |             |         |  | 900         | 914    | 4          | _      |
| 76/ 75      | ٠.  |            | 10.6                                  |  | 3.3      | .6     | • 1     |               |         |               |         |                  |               |         |             |         | <del></del>                                      | 524         | 537    | 97         | 2      |
| 72/ 71      | i   | 1.8        | 1 -                                   | • 3  | . 3      | • 1    |         |               |         |               |         |                  |               |         |             |         |  | 82          | 86     | 474<br>751 | 13     |
| 70/ 69      | i   | • 2        |                                       |  |          |        |         |               |         | 1             | · · — · | ·                | -             |         | <b></b>     |         | · · •  | 11          | 11     | 322        | 56     |
| 68/ 67      | į   | • 4        |                                       |  |          | 1      |         | - 1           |         |               |         |                  |               |         |             |         | :  | 3           | 9      | 43         | 39     |
| 66/ 65      |     |            |                                       |  |          |        |         | ļj            |         | <del>  </del> |         | <del>     </del> |               |         | -           |         | +  | +-          |        | 7.7        | 8      |
| 64/ 63      |     |            |                                       |  |          | ;      |         |               |         |               |         |                  | +             |         |             |         | •  | 1           |        | 3          | 3      |
| 62/ 61      |     |            |                                       |  |          |        |         |               |         | 1 -1          |         |                  | <u> </u>      |         |             |         |  | -           |        |            | 1      |
| 60/ 59      |     |            |                                       |  |          |        |         |               |         |               |         |                  |               |         |             |         |  | 1           |        |            | _      |
| 58/ 57      |     |            |                                       |  |          |        |         |               |         |               |         |                  |               |         |             |         |  |             | 1      |            |        |
| OTAL        | . 2 | 5,6        | 27.7                                  | 50.6   | 14.3     | 1.4    | • 1     |               |         |               |         |                  |               |         | L           |         | <del>_</del> i                                   |             | 1735   |            | 170    |
| !           |     |            |                                       |  | · \      | 1      |         | 1             |         | 1 1           |         | 1                | 1             |         |             |         | i  | 1702        |        | 1702       |        |
|             |     |            | ·                                     |  |          |        |         |               |         | -             |         |                  |               |         |             |         |  |             |        |            |        |
|             | 1   |            |                                       |  |          |        |         |               |         |               |         |                  |               |         |             |         | 1  |             |        |            |        |
|             |     | L          |                                       | i  |          | -      |         | <del></del>   |         | -             |         | <del> </del> +   |               |         |             |         |  | <del></del> |        |            |        |
| 1           |     |            |                                       |  | ļ        |        |         | ! !           |         |               |         |                  |               |         | 1           |         |  |             | i      |            |        |
|             |     |            | <del></del>                           | ·  | ·        |        |         |               |         | +             |         | <del> </del>     | <u> </u>      |         |             |         | +  |             | +      |            |        |
|             | ,   |            |                                       |  |          | !      |         |               |         |               |         |                  |               |         |             |         |  |             |        | 1          |        |
|             |     |            | · · · · · · · · · · · · · · · · · · · |  | i        |        |         |               |         | 1 1           |         | <del> </del>     | 1             |         |             |         | <del>                                     </del> |             |        |            |        |
|             |     |            |                                       |  | :        | i      |         |               |         | 1             |         |                  | Ì             |         |             |         |  |             | 1      | - 1        |        |
|             |     |            |                                       |  |          |        |         |               |         |               |         |                  |               |         |             |         |  |             |        |            |        |
|             |     |            | ļ                                     |  |          |        |         |               |         | <u> </u>      |         |                  |               |         | i           |         |  |             |        |            |        |
|             |     |            |                                       |  | j        |        |         |               |         |               |         | I                |               |         |             |         |  |             |        |            |        |
|             |     |            |                                       | ļl   |          |        |         |               |         |               |         | $\vdash$         |               |         |             |         | 4  |             |        |            |        |
|             |     |            | :                                     |  |          |        |         | ]             |         |               |         |                  |               |         |             |         | [  | . !         |        | •          |        |
|             |     |            | <u> </u>                              |  |          |        |         | <del>  </del> |         |               |         | +                | $\rightarrow$ |         |             |         |  |             |        |            |        |
|             |     |            | l                                     |  |          |        |         |               |         |               |         |                  |               |         |             |         |  | į l         |        |            |        |
| <del></del> |     |            |                                       | <del>                                     </del> |          |        |         |               |         | +             |         | + +              | <del></del>   |         |             |         | r.   | -           |        |            |        |
| }           |     |            |                                       |  |          |        |         |               |         |               |         |                  |               |         |             |         | š (  | , 1         | į      | 1          |        |
| Element (X) |     | Σχ²        |                                       |  | ž X      | $\top$ | x       | <b>₹</b>      | $\top$  | No. Ob        | 5.      |                  |               |         | Mean N      | o. of 1 | Hours with                                       | Temperatur  | •      |            |        |
| Rel. Hum.   |     | 1054       | 1818                                  |  | 1335     | 36     | 78.5    | 6.1           | 73      | 17            |         | ± 0 F            | •             | 32 F    | <b>∻ 67</b> |         | ≥ 73 F   | ≥ 80 F      | ₽ 93 F | т.         | otal   |
| Dry Bulb    |     | 1026       | 0278                                  |  | 1333     | 96     | 76.9    | 1.5           | 35      | 17            |         |                  |               |         | 90          | • a     | 89.3   |             |        |            | 9      |
| Wet Bulb    |     | 879        | 1772                                  |  | 1222     | 6.8    | 71.8    | 1.7           | 87      | 17            | 02      |                  | $\perp$       |         | 89          | . 4     | 30.4   |             |        |            | 9      |
| Dew Point   |     | 824        | 9915                                  |  | 1184     | 27     | 69.6    | 2.3           | BO      |               | 02      |                  |               |         | 83          | . Z     | 8.3  |             |        | 1          | 9      |

# **PSYCHROMETRIC SUMMARY**

| 1603<br>STATION | <u>10</u> | HN3     | ON I         | SLAN         | HO/PA    | CIFI   | C IS    |           |         | 45-            | 72                |             |               | YE ARS        |  |              |            |        | A             | PR   |
|-----------------|-----------|---------|--------------|--------------|----------|--------|---------|-----------|---------|----------------|-------------------|-------------|---------------|---------------|--|--------------|------------|--------|---------------|--|
|                 |           |         |              |              |          |        |         |           |         |                |                   |             |               |               |  |              | PAC        | E 1    | 2100          | -230   |
| Temp            |           |         |              | ,            | , , ,    |        |         |           |         | DEPRE          |                   |             |               | -, -          | .,   |              | TOTAL      |        | TOTAL         |  |
| (F)             | <u>.</u>  | 1 - 2   | 3 - 4        |              |          | 9 - 10 | 11 - 12 | 13 - 14 1 | 15 - 16 | 17 - 18        | 19 - 20           | 21 - 22 23  | 3 - 24 25 - 2 | 26 27 - 28    | 29 - 3   | 0 / 31       | A          |        |               | Dew Po   |
| 8C/ 79          |           | , ,     | 1.4          |              |          |        |         |           |         | 1              |                   |             | l             |               | 1  |              | 51         | 51     |               |  |
| <u>78/ 77</u> . |           | - 4 0 6 | 17.          | 20.3         | 3.2      |        | -       |           |         |                |                   |             |               |               |  |              | 736        | 747    |               |  |
| 74/ 73          | . )       |         | 4.6          |              |          | .4     | - 1     |           |         |                |                   | İ           |               | i             |  |              | 761<br>142 | 777    |               | 12   |
| 72/ 71          | • 1       | -       |              |              | - • •    | • •    |         |           |         | <del> </del>   |                   |             |               | <del></del>   | <del> </del>                                     |              | 11         | 147    |               | 4(   |
| 70/ 69          | i         | •       |              | 7            |          |        |         | -         |         | i l            |                   |             | i             |               | 1  | İ            | 1 1        | 1      | 372           | 5  |
| 68/ 67          |           |         | <u> </u>     | 1            |          |        | i       |           |         |                |                   |             |               |               |  |              | † ·        | 4      | 38            | 3(   |
| 66/ 65          |           |         |              |              |          |        |         |           |         | <u> </u>       |                   |             | i             |               |  | 1            | i 1        | İ      | 11            |  |
| 64/ 63          |           |         | _            |              |          |        |         |           |         |                |                   |             |               |               | -  |              |            |        | 3             |  |
| 62/61           |           |         |              | <u> </u>     | <u> </u> |        |         |           |         | l              |                   |             |               |               |  |              | <u>.</u>   |        |               |  |
| 6C/ 59          |           |         |              | 1            |          |        |         |           |         |                |                   |             | !             | ĺ             |  | 1            |            |        | İ             |  |
| 58/ 57<br>UTAL  | -         | 4 1     | 20 9         | 4.4 8        | 7.2      | -      |         |           |         | <del> </del>   | $\longrightarrow$ |             |               | +-            | <u> </u>   |              | · ·- ·     |        |               |  |
| UIAL            | • 4       | 0.1     | 37.4         | 140.0        | 1.4      | . 6    | - 1     |           |         |                |                   |             |               |               |  |              | 1702       | 1734   |               | 170  |
| <del>-</del>    |           |         |              | <del>}</del> |          |        |         |           |         | 1              |                   | <del></del> |               | <del>-</del>  | <del></del>                                      | <del> </del> | 1702       |        | 1702          |  |
|                 |           |         | !            |              |          |        |         |           |         | 1 1            | 1                 |             |               |               | 1  | 1            | :          |        | 1             |  |
|                 |           |         | <del> </del> | -            |          |        |         |           |         |                |                   |             | -             | _             | <del>                                     </del> |              |            |        | +             |  |
|                 | 1         |         |              | 1            |          |        |         |           |         |                |                   |             |               |               | 1  | 1            |            |        | 1             |  |
|                 |           |         |              | ļ            |          |        |         |           |         |                |                   |             |               |               |  |              |            | ··~· — |               |  |
|                 |           |         |              | <u> </u>     | l¦       |        |         |           |         |                |                   |             |               |               |  |              | Ĺ          |        |               |  |
| !               |           |         |              | !            | ! !      |        |         |           |         |                |                   | j           |               |               |  | -            |            |        |               |  |
|                 |           |         | <b>↓</b>     | ļ            |          |        | L       |           |         |                |                   |             |               | <del></del> - | ļ  |              |            |        |               |  |
| }               |           |         | í            | i i          |          |        | i       |           |         |                |                   |             |               |               |  |              | 1 1        | -      | į             |  |
|                 |           |         | +            | <del> </del> | i        |        |         |           |         |                |                   |             | <del></del>   | +             | <del> </del>                                     |              |            |        | +             |  |
|                 |           |         |              |              |          |        |         | į         |         |                |                   |             |               |               |  |              |            |        |               |  |
|                 |           |         |              |              | t        |        |         |           |         | <del>   </del> | -                 |             |               | +             |  | -            |            |        | +             |  |
|                 |           |         |              | İ            |          |        |         | 1         |         |                |                   | 1           |               | 1             | ļ  |              |            |        |               |  |
|                 |           |         | <del> </del> |              | 1        |        |         |           |         |                |                   |             |               | _             | <b>†</b>   | <del> </del> |            |        | +             |  |
|                 |           |         |              |              |          |        |         | 1         |         |                | ļ                 |             |               |               |  |              |            |        |               |  |
|                 |           |         |              |              |          |        |         |           |         |                |                   |             |               | 1             | 1  | †            |            |        |               |  |
|                 |           |         | İ            | L            |          |        |         | -1        |         |                |                   |             |               | 1             |  |              |            |        |               |  |
|                 |           |         |              |              |          |        |         | i         |         |                |                   |             |               |               |  |              |            |        |               |  |
| Element (X)     |           | ž x ²   |              | <u> </u>     | Z X      |        | ¥       |           | 1       | No. Obs        |                   |             |               | Mag- 1        | )<br>No. 24                                      | <u> </u>     | Taman      |        |               |  |
| Rel. Hum.       |           |         | 1564         |              | 1359     | 3.8    |         | 5.64      | A       | 170            |                   | 10F         | - 32 F        |               |  | 2 73 F       | Temperati  | . 93 F | , T           | otal   |
| Dry Bulb        |           |         | 8166         |              | 1322     |        | 76.3    |           |         | 17             |                   |             | 1 32 5        |               | ).d  | 89.4         |            | +      | <del></del> ' | o101   |
| Wet Bulb        |           |         | 2058         |              | 1219     |        | 71.6    |           |         | 170            |                   |             | +             |               | · · ·  | 27.0         |            | 4      | -             |  |
| Dew Point       |           |         | 366          |              | 1183     |        |         | 2.2       |         | 17             |                   |             | · <del></del> |               |  | 7.0          |            | +      |               | <del>-                                    </del> |

L FORM 0-26-5 (OLA) REVISED MEVIOUS EDITIONS

SAFETAC SOM

### **PSYCHROMETRIC SUMMARY**

21603 MC.TATE JUHNSTHIN ISLAND/PACIFIC IS

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0000-0200 PAGE 1

| Temp.       |      |       |              |  |  | WET           | BULB '   | TEMPER     | RATURE                                | DEPR        | ESSION   | (F)                |             |         |                |              | TOTAL        |          | TOTAL    | _      |
|-------------|------|-------|--------------|--|--|---------------|--|------------|---------------------------------------|-------------|--|--------------------|-------------|---------|----------------|--------------|--------------|----------|----------|--------|
| (F)         | 0    | 1 - 2 | 3 - 4        | 5 - 6  | 7 - 8  |               |  |            |                                       |             |  |                    | 23 - 24     | 25 - 26 | 27 . 28 29     | - 30 - 31    | D.B. W.B.    | Dry Buil |          | Dew Pe |
| 80/ 79      |      |       |              | 5.9  |  |               | 1  |            |                                       | 1           | † · · · · · · · · ·                              | † <del>~~~</del> † | - <u></u> ` |         |                |              | 158          | 158      |          |        |
| 78/ 77      | _ 1  | 1.9   |              | 29.3   |  |               | !  | I          | i<br>I                                |             |  |                    | 1           |         | : }            |              |              | 1024     | Z        |        |
| 76/ 75      | • 1  |       |              | 14.0   |  |               |  |            | •                                     |             | <del>-</del>                                     | 1                  |             |         | <del></del>    |              | 544          | 566      | 134      | - 7    |
| 74/ 73      | . 1  |       | 1.6          |  | 1  |               |  |            |                                       |             |  | 1                  |             |         |                |              | 44           | 44       | 719      | 19     |
| 72/ 71      | .1   | . )   |              | **   | <del> </del>                                     | +             | <del>                                     </del> | •          | ·- · · ·                              | •           | ·+   | <del></del>        |             |         |                |              | 77.          | · 7      | 702      |        |
| 70/ 69      | . 1  | • .   | i            | i  |  |               | i  |            |                                       |             |  | ;                  |             |         |                | 1            | ĭ            | ĭ        | 207      |        |
| 68/ 67      |      |       | <del> </del> | <del></del>                                      | <del> </del> -                                   |               | +  | ·          |                                       | •           |  | <del></del>        |             |         |                |              |              |          |          | 26     |
| 66/ 63      | 1    |       | 1            | !  |  |               |  |            |                                       |             | İ  | !                  | 1           |         |                |              |              |          | -        | - 4    |
| 64/ 63      |      |       | <del></del>  | <del>                                     </del> | <del>                                     </del> | -             |  |            |                                       |             | <del> </del>                                     | 1                  |             |         | +              | <del>-</del> |              |          |          |        |
| 62/ 61      |      |       | ł            |  |  |               |  | Į.         | [                                     |             | ļ  | ! i                | }           | İ       | Ì              |              |              |          |          |        |
| DTAL        | .5   | 5.4   | 40.1         | 49.2   | 4.8  | . 1           |  | <u> </u>   | -                                     | <del></del> | 1  | 1                  |             |         |                |              | ·            | 1797     |          | 176    |
|             | • -  |       |              |  | 1  | 1             | ]  |            | 1                                     | 1           | ĺ  | 1 1                | 1           |         | í              |              | 1767         |          | 1767     |        |
|             |      |       |              | <del>                                     </del> | <del></del>                                      | 1             | <del>}</del>                                     |            | <del> </del>                          | +           | ļ  | <del> </del>       |             |         |                |              |              |          | 1 1 9 1. |        |
| :           | ,    |       | 1            | 1  |  |               |  |            |                                       | 1           |  |                    | 1           | 1       |                |              |              |          |          |        |
|             |      |       | +            | -  | <del> </del>                                     |               |  |            |                                       | +           | <del></del>                                      | 1                  |             |         |                |              | · • · · · ·  |          | •        |        |
|             |      |       | I            |  |  |               |  |            |                                       |             | 1  | į :                | ļ           | i       |                | 1            |              |          |          |        |
|             | ···· |       | <del>:</del> |  |  | <del> </del>  | !  |            | <del> </del>                          |             | <del>                                     </del> | -                  | <del></del> |         |                | <del>-</del> | • •          | - •      | •        |        |
|             |      |       | I            |  | !  | i             |  |            | l                                     | I           |  |                    | 1           | i       |                |              |              |          |          |        |
|             |      |       |              |  | ÷  | <del></del>   | +  |            |                                       | <del></del> | <del>i -</del>                                   | <del>   </del>     |             |         | +              |              | <del></del>  |          |          |        |
|             |      |       |              |  |  | !             |  |            |                                       |             | i  |                    | j           | ,       | ;              |              | į            |          |          |        |
|             |      |       |              | •  | •  |               | · :  |            |                                       | •           | +  | +                  |             |         |                |              | +            |          | ٠        |        |
|             |      |       |              |  |  | :             | 1  | '          |                                       |             | 1  |                    |             |         |                | 1            |              |          |          |        |
|             | ÷    |       | •            | <u></u>  |  |               | • • •  | :          | · · · · · · · · · · · · · · · · · · · | •           | •  | +                  | +           |         |                |              | ++           |          |          | -      |
| 1           |      |       |              |  |  |               |  |            |                                       |             |  | ! !                | į           | ļ       |                | 1            | 1            |          |          |        |
| :           |      |       | <del></del>  | !  | ·  | •             | ·  |            | •                                     | 1           | <b>+</b>   | +                  |             |         |                |              |              |          |          |        |
| 1           |      |       | !            | 1  |  |               |  |            | 1                                     | i .         |  |                    | - !         | j       | j              | ,            |              |          |          |        |
|             |      |       |              | <del> </del>                                     | <del> </del>                                     | <del></del>   | +  | •          | <del></del>                           | <del></del> | ·  | 1                  |             |         |                |              |              |          | •        |        |
| 1           | 1    |       |              |  | !  |               | 1  |            | i                                     | İ           |  |                    |             |         |                |              | 1            |          |          |        |
|             |      |       | <u> </u>     | <del> </del>                                     | 1  | <del> </del>  | +  |            | †                                     | <del></del> | :  |                    |             |         |                | -+-          | ++           |          |          |        |
|             | }    |       | i            |  |  |               |  | !          | 1                                     |             | į  |                    |             |         |                | 1            |              |          |          |        |
| <del></del> |      |       |              | <del> </del>                                     |  |               |  |            | <del></del>                           | <del></del> | 1  |                    |             |         | <del></del> +- |              |              | ·• -•    |          |        |
| i           | Ì    |       | 1            | 1  |  |               |  |            | 1                                     | 1           | 1  | }                  |             | }       |                | - 1          | 1            |          |          |        |
|             |      |       |              | <b>†</b> • • •                                   |  |               | †  |            |                                       | +           | <del>                                     </del> | 1                  |             |         |                |              | ++           |          | •        | -      |
|             |      |       |              | 1  |  | -             |  |            |                                       |             |  |                    |             | ĺ       |                |              | 1 !          |          |          |        |
| Element (X) |      | Σχ'   |              |  | ZX   | $\overline{}$ | ×  | <b>7</b> , | <u> </u>                              | No. O       | bs.  | <del></del>        |             |         | Meon No.       | of Hours wi  | th Temperate | 110      |          |        |
| Rel. Hum.   |      | 1147  | 3661         |  | 1420   | 89            | 80.4   |            |                                       | 1           | 767  | : 0 F              |             | 32 F    | + 67 F         | ≥ 73 F       | ▶ 80 F       | . 93 F   | T t      | otal   |
| Dry Bulb    |      |       | 3789         |  | 1382   |               | 77.0   |            |                                       |             | 797  |                    | -           |         | 93.1           |              |              |          |          | 9      |
| Wet Bulb    |      |       | 2017         |  | 1279   |               | 72.4   |            |                                       |             | 167  |                    | _           |         | 93.            |              |              | 1        | -+-      | 9      |
| Dew Point   |      |       | 3296         |  | 1243   | au            | 70.4   | 1.9        |                                       |             | 767  |                    |             |         | 90.            |              |              | t        |          | 9      |

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21603 JOHNSTON ISLAND/PACIFIC IS 45-72

# **PSYCHROMETRIC SUMMARY**

| STATION    |          |             |              | 51           | ATION N      | AME         |  |  |               |              |               |             |         | ٧,      | EARS   | •     |         |  |  | MUN             | H            |
|------------|----------|-------------|--------------|--------------|--------------|-------------|--|--|---------------|--------------|---------------|-------------|---------|---------|--|-------|---------|--|--|-----------------|--------------|
|            |          |             |              |              |              |             |  |  |               |              |               |             |         |         |  |       |         | PAG  | E 1                                    | 0300-<br>HO .RS | <u>05</u> 00 |
| Temp.      |          |             |              |              |              | WET         | BULE '   | TEMPERA                                      | TURE          | E DEPRESS    | ION (I        | F)          |         |         |  |       |         | TOTAL  |  | TOTAL           |              |
| (F)        | 0        | 1 - 2       | 3 - 4        | 5 - 6        | 7 - 8        | 9 . 10      | 11 - 12  | 13 - 14 1                                    | 5 - 16        | 5]17 - 18[19 | . 20          | 21 . 22 2   | 23 . 24 | 25 - 26 | 27 - 28  | 9.30  | e 31    | D.B. W.B.  | Dry Buth                               | Wet Buth D      | ew Pain      |
| 80/ 79     | <u> </u> | - <u></u> - | 1.2          | 2.5          | . 5          |             | <del> </del>                                     | ++   |               | †            |               |             |         |         |  |       |         | 73   | 73                                     |                 |              |
| 78/ 77     |          | , ,         | 2 2 1 1      | 27 2         | 3.1          | 1.          | .ļ   | 1  |               | 1            | 1             |             |         |         | 1 !  |       |         |  |  |                 |              |
| 76/ 75     |          | 10          | 7, 9 1       | 27.2         | <del> </del> | • •         | <b>\</b>   | <del></del>                                  |               | <del></del>  |               |             |         |         |  |       |         | 417  | 707                                    | - 0             |              |
|            | • 1      | 3 . (       | 10.1         | 13.0         | 1.4          | 1           | i  | 1  |               |              | į             | 1           |         |         | ! !  |       |         |  |  |                 | 10           |
| 74/ 73     | •1       | 407         | 2.4          | . 3          | • 1          |             | +  | ·  |               | ·            | -             | <del></del> |         |         | <del>i i</del>                                   | +     |         | 84   | 8 <u>5</u><br>9                        | 627             | 188          |
| 72/ 71     | • 1      | • •         | 4 • 4        | 4            |              | i           | 1  |  |               | i l          |               |             |         |         | i l  |       |         | 9:   | 9                                      |                 | 583          |
| 70/69      |          |             | <b>_</b>     |              |              | ·           | ļ  | <u>.                                    </u> |               | ∔ ∔          |               |             |         |         | <del>i</del> -                                   |       | _       |  |  | 249             | 625          |
| 8/ 67      |          |             |              |              |              |             | I .  |  |               |              | į             | i           |         |         |  |       |         |  |  | 19              | 307          |
| 6/ 65      |          |             | <del> </del> |              | <u></u>      |             |  |  |               | <b>.</b>     |               |             |         |         | $\downarrow \downarrow \downarrow$               |       |         |  |  |                 | 45           |
| 64/ 63     |          |             |              | i            |              | j           | İ  | 1  |               |              |               |             |         |         | 1  |       |         |  | _ i                                    |                 | 8            |
| ITAL       | . 2      | 7,1         | 143.0        | 45.9         | 3.8          | - 1         |  |  |               |              |               |             |         |         |  |       |         |  | 1797                                   |                 | 1766         |
|            |          |             |              |              |              | i           |  |  |               |              |               |             |         |         | : [  |       |         | 1766   |  | 1766            |              |
|            |          |             | <u> </u>     |              |              |             | <u> </u>   |  |               |              |               |             |         |         | 1. 1   |       |         |  |  |                 |              |
| į          | Ţ        |             |              |              |              |             |  |  |               |              |               |             |         |         |  |       |         | • • • • • •                                      | •                                      | •-              |              |
|            |          |             | L            |              |              |             |  |  |               | _            | !             |             |         |         |  |       |         |  |  |                 |              |
| :          | ,        |             | [            |              |              | í           |  |  |               |              |               |             |         |         |  |       |         | •  |  |                 |              |
| :          |          |             | ,            | !            |              | l           |  |  |               |              | į             | - 1         |         |         | 1  |       |         |  |  |                 |              |
|            |          |             | •            |              |              |             |  |  |               |              | T             | - 1         | 1       |         | 1  |       |         | •  |  |                 |              |
| :          |          |             |              | : '          |              | !           |  |  |               | 1            |               | 1           | i       |         |  |       |         |  |  |                 |              |
|            | •        |             |              |              |              | ·           |  |  |               |              |               |             |         |         | 1  |       |         | •  |  |                 |              |
|            |          |             | 1            |              |              |             |  |  |               | 1 1          |               | ļ           |         |         | 1  | 1     |         | 1  |  |                 |              |
|            | · ·- •   |             |              |              |              | ·           | -  | !  |               | + + +        | $\neg \neg$   |             |         |         | 1 1  |       |         |  | •                                      | •               |              |
|            |          |             |              |              |              |             | i  |  |               |              |               |             |         |         | 1  |       |         | 1  | i                                      | 1               |              |
|            |          |             | <del></del>  | •            |              | •           | <del></del> -                                    |  |               | + +          | -+            |             |         |         | 1  |       |         | <del>                                     </del> | <del></del> †                          |                 |              |
|            |          |             |              |              |              |             |  |  |               |              |               |             |         |         | 1  | -     |         |  |  | 1               |              |
|            |          |             | •            |              |              | :           | <del>†</del>                                     | ++   |               | -            | $\rightarrow$ |             |         |         |  |       |         |  | ——- <del>i</del>                       |                 |              |
| 1          |          |             | 1            | i !          |              |             | 1  | . !  |               |              |               |             |         |         | 1  | ĺ     |         | l i  | 1                                      |                 |              |
|            |          |             | •            | <del> </del> |              | ·           | <del></del>                                      | <del> </del>                                 |               | +-+          | $\rightarrow$ | -           |         |         | +  |       |         | <del> </del>                                     |  |                 |              |
| '          |          |             |              |              |              | 1           |  |  |               |              |               | ļ           |         |         |  |       |         |  |  | İ               |              |
|            | +        |             | <del></del>  | 1            |              | ·           | <del> </del>                                     | <del>  </del>                                |               | +            |               | +           |         |         | +  | -+    |         | +  | -                                      |                 |              |
| ,          | 1        |             | 1            |              |              |             |  | 1 i  |               |              |               | - 1         |         |         |  |       |         |  | ļ                                      | 1               |              |
|            |          |             | <del></del>  | <del> </del> |              | <del></del> | <del> </del>                                     | + ++   |               | +            |               | -           |         |         | <del> +</del>                                    |       |         | <del> </del>                                     |  |                 |              |
| :          |          |             |              |              |              |             |  |  |               |              |               |             |         |         | 1  |       |         |  | !                                      |                 |              |
| +          |          |             | ·            |              |              |             | <del>                                     </del> | <del></del>                                  |               | +            |               |             |         |         | <del>                                     </del> |       |         | ļ <del>i</del>                                   |  |                 |              |
|            |          |             |              |              | 1            | :           |  | , ,  |               |              |               |             | į       |         |  |       |         |  | ļ                                      |                 |              |
| Sement (X) |          | Σχ'         | <del></del>  |              | Σχ           | <u> </u>    | X  |  | $\overline{}$ | No. Obs.     |               |             | 1       |         | Magn No  | of Ho | re wiel | Temperatu  | 100                                    |                 |              |
| el. Hum.   |          |             | 58969        |              | 1425         | 77          |  | 5.22   | 0             | 176          |               | ± 0 F       | Τ.      | 32 F    | ≥ 67 F   |       | 73 F    | - 80 F   | ₹ 93 F                                 |                 | etal         |
| ry Bulb    |          |             | 38902        |              | 1375         | 0.0         | 74.4   | 1.26   | ă             | 179          |               | 2 U F       | +       | 32 F    | 93.  |       | 2.5     |  | 7 73 1                                 |                 |              |
| er Bulb    |          |             | 34442        |              | 1273         |             |  | 1.51   |               | 176          |               |             | +       |         | 73   |       | 8.0     |  | <del> </del>                           |                 | 93           |
| Dew Point  |          |             |              |              | _            |             |  |  |               |              |               |             |         |         |  |       |         |  | <del> </del>                           | -               | 93           |
| WA COINT   |          | 907         | 9118         | 1            | 1238         | 79          | 70.2   | 1.73   | 9_            | 176          |               |             |         |         | 90   |       | 10.4    |  | ــــــــــــــــــــــــــــــــــــــ |                 | 93           |

# **PSYCHROMETRIC SUMMARY**

| STATION           | <u> </u>     | 1113 1 | 1.4   |       | TATION N   |     | C IS         |                |  | 45-  | 12           |           |           | YEARS       |              |                    |             |               |                | <del>,</del> μ |
|-------------------|--------------|--------|-------|-------|------------|-----|--------------|----------------|--|--|--------------|-----------|-----------|-------------|--------------|--------------------|-------------|---------------|----------------|----------------|
|                   |              |        |       |       |            |     |              |                |  |  |              |           |           |             |              |                    | PAGE        | 1             | HOURS IL       | -080           |
| Temp.             |              |        |       |       |            |     |              |                |  | E DEPRE  |              |           |           |             |              |                    | TOTAL       |               | TOTAL          |                |
| (F)               | 0            | 1 - 2  | 3 - 4 |       | 7 - 8      |     |              | 13 - 14        | 15 - 1   | 6 17 - 18  | 19 - 20      | 21 - 22 2 | 3 - 24 25 | - 26 27 - 2 | 29 -         | 30 - 31            | D.B. W.B. D |               |                | Dew Po         |
| 82/81             |              | İ      | • 1   |       |            | • 3 |              |                |  |  |              |           | - 1       |             | i            | ;                  | 35          | 35            |                |                |
| 80/ 79<br>78/ 77  |              |        | 17.8  | 16.1  | 8.2<br>5.8 |     |              |                |  | <del></del>                                      |              | -         |           |             | - <b>;</b> . |                    | 510         | 517           |                |                |
| 76/ 75            | ì            | 2.0    |       |       | .5         | • 2 | 9            |                |  | İ  |              |           | 1         |             | i            |                    | 930<br>258  | 947<br>263    |                | 3              |
| 74/ 73            |              | 7      | . 8   |       |            |     | <del> </del> |                |  | +  | <del> </del> |           |           |             |              | -                  | 29          | 29            |                | 23             |
| 72/ 71            | . 1          | . 1    |       |       |            |     | 1            |                |  |  |              |           |           |             |              | 1                  | 4           | 4             |                | 61             |
| 70/ 69            |              |        |       |       |            |     | 1            |                | <del> </del>                                     | <del> </del>                                     | †            |           |           |             |              |                    |             |               | 127            | 61             |
| 68/ 67            |              |        |       |       |            |     |              |                |  | _i   |              |           | -         |             |              |                    |             |               | 7              | 24             |
| 66/ 65            |              |        |       |       |            |     |              |                |  |  |              |           |           |             |              |                    |             | 1             |                | 2              |
| 64/ 63            |              |        | - A - | / B = |            |     | <u> </u>     |                |  | <u> </u>   |              |           |           | _i          | -            | <del>-   -  </del> |             |               |                | -              |
| DTAL              | • 1          | 4.4    | 29.1  | 9.44  | 72.0       | 7.0 | )            |                |  |  |              |           | İ         | )           | Ì            | -                  |             | 1795          |                | 176            |
|                   |              |        |       |       |            |     |              |                | -  | +  | <del> </del> | ├──├-     |           |             | +            |                    | 1766        |               | 1766           |                |
| 1                 | 1            |        |       |       |            |     |              |                |  |  |              | ! !       |           | i           |              | -   ;              |             |               |                |                |
| +                 |              |        |       |       |            |     |              |                | <del>                                     </del> | +  |              | -+        |           |             | <u> </u>     | + +                |             |               | •              |                |
|                   |              |        |       |       |            |     |              |                |  |  |              |           | ĺ         | !           |              |                    |             |               |                |                |
|                   |              |        |       |       |            |     | <del> </del> |                | _  | <del> </del>                                     |              |           |           | +           | +            | -7                 |             |               |                |                |
|                   |              |        |       | _     | !          |     | ĺ            |                | l  |  | 1            | ] ]       | į         |             |              | 1                  |             |               |                |                |
|                   |              |        | 1     |       |            |     |              |                |  |  |              |           | 1         | $\top$      |              |                    |             |               |                |                |
|                   |              |        |       |       |            |     | :<br>        |                | !<br><del> </del> -                              | ļ  |              |           |           |             |              |                    |             |               |                |                |
| i                 |              |        | i     |       | ١.         |     |              |                | ]  |  |              |           |           |             |              |                    |             |               |                |                |
|                   |              |        |       |       |            |     | <del> </del> |                | <b>-</b>   | -  |              |           |           |             | -            | $\bot$             |             |               |                |                |
|                   |              |        | ı     |       |            |     |              |                |  |  | !            |           |           |             |              |                    |             | į             | !              |                |
|                   |              |        |       |       |            |     |              |                | <del> </del> -                                   | <del>-</del>                                     |              |           |           |             | +            | +                  |             |               | <del>-</del>   |                |
| }                 |              |        | ١     |       |            |     |              |                |  |  |              |           |           |             |              |                    |             |               |                |                |
| <del></del>       |              |        |       |       |            |     | <del></del>  |                | 1  | <del>                                     </del> |              |           |           |             | +-           | -                  |             | $\overline{}$ |                |                |
|                   |              |        |       |       |            |     | İ            |                |  | į  | ;<br>        |           |           | i           |              |                    |             |               |                |                |
|                   |              |        |       |       |            |     |              |                | i  |  |              |           |           |             | 1            | 1 1                |             |               |                |                |
|                   | <del>-</del> | ;      |       |       |            |     |              |                |  | J  |              |           |           |             |              |                    |             |               |                |                |
|                   |              |        | ļ     |       |            |     | i            |                |  |  |              |           |           |             |              |                    |             |               |                |                |
| ———- <del> </del> |              |        |       |       |            |     | <del> </del> |                | <u> </u>   | <u> </u>   |              |           |           |             | 4            |                    |             |               | +              |                |
|                   | 1            | 1      | ĺ     |       | į          |     |              |                |  |  |              |           |           |             |              |                    |             | !             |                |                |
| Element (X)       | <del></del>  | Ex?    |       |       | z x        |     | X            | σ <sub>x</sub> | $\vdash$   | No. Ob   | <u> </u>     | 1         |           | Merr        | No of        | Mausa wist         | Temperatur  |               |                |                |
| Rel. Hum.         |              |        | 9516  |       | 1386       | 04  | 78.5         |                |  |  | 66           | ± 0 F     | - 32      |             | 7 F          | ≥ 73 F             | ≥ 80 F      | • 93 F        | т.             | otal           |
| Dry Bulb          |              |        | 6044  |       | 1396       |     | 77.8         |                |  |  | 95           |           | - J2      |             | 3.0          | 92.8               | 11.6        | . 73 F        | <del>'</del> ' | 1              |
| Wer Bulb          |              | 934    | 6836  |       | 1284       |     | 72.7         | 1.5            |  |  | 66           |           | +         |             | 3.d          | 52.9               |             |               |                | 4              |
| Dew Point         |              |        | 7346  |       | 1245       |     | 70.5         | 1.9            |  |  | 66           |           | 1         |             | 1.6          | 14.3               |             |               |                | 9              |

DATA PROCESSING BRANCH USAF ETAC AIR HEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 21603 JOHNSTIN ISLAND/PACIFIC IS 45-72 PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 21 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 88/ 87 86/ 85 1.410.121.2 5.5 5.610.513.2 1.5 7 3.1 3.2 1.4 .2 • 1 84/ 83 208 208 82/ 81 683 697 80/ 79 78/ 77 658 651 99 154 150 76/ 75 74/ 73 72/ 71 .8 551 • 4 107 817 261 . 2 379 <del>598</del> 70/ 69 29 487 68/ 67 66/ 65 153 . 1 17 64/ 63 62/ 61 1765 1792 .2 1.610.932.240.813.3 .8 .1 1765 1765 THIS FORM REVISEO MEVICUS EDITIONS OF ₹ ĝ 0.26.5 73.5 6.722 80.6 1.897 74.0 1.655 71.2 2.258 Mean No. of Hours with Temperature Element (X) No. Obs. 1765 10 F 32 F 9008147 Rel. Hum. 144429 130590 125697 11646923 9667012 1792 93.0 93.0 91.8 77.5 71.8 Dry Bulb <del>13</del> Wet Bulb 8960683 Dew Point

#### **PSYCHROMETRIC SUMMARY**

JOHNSTON LS: AND/PACIFIC IS MAY 1200-1400 HOURS L. S. T. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) .2 .9 4.0 1.3 .1 .6 3.010.410.2 1.1 .7 1.811.119.0 7.5 .2 2.9 9.1 7.6 1.3 .2 .4 1.5 1.0 .7 .1 .3 .7 .1 .2 .1 (F) 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B. W.B. Dry Bulb | Wer Bulb | Dew Point .5 .1 1.3 .1 88/ 87 15 15 114 460 726 383 114 459 86/ 85 84/ 83 82/ 81 80/ 79 78/ 77 707 377 182 65 68 23 76/ 75 22 692 74/ 73 352 72/ 71 210 625 70/ 69 428 68/ 67 149 64/ 63 2 1767 62/ 61 .3 1.4 7.625.038.723.3 3.3 1797 1767 Element (X) Z y 2 7 No. Obs. Mean No. of Hours with Temperature 71.6 7.106 81.7 2.071 74.5 1.792 Rel. Hum. 9136762 126440 1767 ≥ 67 F ≥ 73 F 1797 93.0 92.8 83.2 Dry Bulb 11990737 146743 9800526 131558 Wet Bulb 93

45-72

REVISED PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE 0-26-5 (OL A)

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0-26-5 (OL A) 0 3 1

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC JOHNSTON ISLAND/PACIFIC IS

#### **PSYCHROMETRIC SUMMARY**

MAY

PAGE 1 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 23 1 D.B. W.B. Dry Bulb Wet Bulb Dew Poi 88/ 87 1.3 10 10 1 .1 .3 1.6 .2 1.5 5.2 5.2 1.9 9.816.7 4.9 4.915.011.6 1.2 86/ 85 58 58 84/ 83 220 220 82/ 81 80/ 79 601 585 609 598 1.1 3.4 5.9 3.1 78/ 77 100 242 246 18 76/ 75 .1 559 41 46 74/ 73 . 3 748 362 72/ 71 300 592 70/ 69 68/ 67 50 493 162 66/ 65 32 64/ 63 6 .3 2.411.532.937.013.1 2.7 1798 TOTAL 1768 1768 1768 2x' 9660**36**5 7.157 Element (X) 73.6 7.197 80.5 2.184 73.9 1.772 130075 1768 ≥ 67 F × 73 F × 80 F × 93 F Rel. Hum. 5 0 F 1798 1768 93.0 9670991 144765 93.0 73 Dry Bulb 65.1 130723 Wet Bulb 73 Dew Point

45-72

### **PSYCHROMETRIC SUMMARY**

21603 JUHNSTON ISLAND/PACIFIC IS 45-72 MAY
STATION STATION NAME YEARS
PAGE 1 1800-2000

| Temp.       |                 |                   |          | _           |                | WET           | BULB T        | TEMPER  | ATURE       | DEPRES   | SION (F   | )             |               |               |          |               | TOTAL  |                   | TOTAL             |        |
|-------------|-----------------|-------------------|----------|-------------|----------------|---------------|---------------|---------|-------------|--|---|---------------|---------------|---------------|----------|---------------|--|-------------------|-------------------|--------|
| (F)         | 0               | 1 - 2             | 3 - 4    | 5 - 6       | 7 - 8          | 9 - 10        | 11 - 12       | 13 - 14 | 15 - 16     | 17 - 18 1  | 9 - 20 2  | 21 - 22 23    | - 24 25 -     | 26 27 - 2     | 8 29 -   | 30 + 31       | D.B. W.B.  | Dry Bulb          | Wet Bulb T        | Dew Po |
| 8/ 87       |                 |                   |          |             |                | 1             |               |         | .1          |  | $\neg +$  |               |               |               | -        | -             | 1  | 1                 |                   |        |
| 4/ 83       |                 | !                 | . 1      | , 1         | ٠ 2            | . 2           | (             |         | •           |  | - 1   |               |               | i             |          | ,             | 7  | 7                 |                   |        |
| 2/ 81       |                 |                   | . 2      | • 6         |                | 1.0           | .1            |         |             |  | $\overline{}$   |               |               |               | · j      |               | 77   | 77                |                   |        |
| 0/ 79       | j               | . 2               |          | 18.6        |                | . 2           |               |         | l           |  | 1   |               |               |               | i        |               | 616  |                   | 1                 |        |
| 8/ 77       | $\neg \uparrow$ | 2.2               | 16.5     | 24.2        | 4.1            | .3            |               |         | <del></del> | 1  | -+  |               |               |               | +        | -+            | 836  | 857               | 12                |        |
| 75          |                 |                   | 4.6      |             |                |               |               | l l     |             |  |   |               |               |               |          |               | 214  |                   | 276               | 5      |
| 1 73        | . 2             |                   | .3       | • 1         |                |               |               |         |             |  |   |               |               |               | +        | <del></del> - | 16   | 17                | 824               | 26     |
| 2/ 71       |                 | - 1               | 1 -      | 1 ]         |                |               |               |         |             |  |   |               |               |               |          | i             | , - I  | • 1               | 530               |        |
| 0/ 69       |                 |                   |          | · 1         |                |               |               |         |             |  |   |               |               | +-            | +        | _             | -  |                   | 116               | 56     |
| 8/ 67       |                 |                   |          | .           |                |               |               |         | ĺ           |  | 1   |               |               |               | ĺ        | į             |  | 1                 | a                 | Ž      |
| 6/ 65       |                 |                   |          | i T         |                |               | ~ !           |         |             | <u> </u>   | $\overline{}$   |               |               |               | 1        | +             |  | +                 |                   | 2      |
| 4/ 63       |                 |                   |          |             |                |               | ı l           | ]       |             |  | 1   | 1             |               |               |          |               | ,  | 1                 | i                 | _      |
| 0/ 59       |                 |                   | i        |             |                |               |               |         |             | <del> </del>                                     |   |               |               | +-            | -        | -             |  |                   |                   |        |
| TAL         | . 2             | 3,5               | 29.3     | 49.7        | 15.4           | 1.6           | • 1           |         | . 1         | J  | - 1   |               |               |               |          | -             | 1 }  | 1797              |                   | 176    |
|             |                 |                   |          |             |                | -             |               |         |             |  | -   | $\overline{}$ |               |               | +        | +             | 1767   | -                 | 1767              | _=     |
|             |                 | !                 | ! !      | .           | .              | .             |               |         | , !         |  |   |               | ĺ             | 1             | 1        |               |  |                   | •                 |        |
|             |                 |                   |          | . 1         |                |               |               |         |             |  | -   |               | _             | +-            | +        | +             | <del>                                     </del> |                   |                   |        |
|             | i               | 1                 | 1        |             |                | .             | .             |         |             | 1  |   |               |               | 1             |          |               | 1  | i                 | 1                 |        |
| <del></del> |                 |                   |          |             |                |               |               |         |             |  | -   |               | +             | +-            | +-       | +             | 1  |                   |                   |        |
| 1           | 1               |                   |          |             | į              | í             |               |         | , 1         |  |   |               |               |               |          |               | 1  | i                 |                   |        |
|             |                 |                   | !        |             |                |               |               |         |             | <del>                                     </del> | -+  |               |               | +-            | +-       | +             |  |                   |                   |        |
|             | i               |                   | . I      |             |                |               |               | l       | ļ I         |  |   | 1             |               |               |          |               |  |                   |                   |        |
|             | -+              | $\rightarrow$     | $\vdash$ |             |                |               |               |         |             | <del>                                     </del> | +   | _             | +             | -+            | +-       | +             | <del> </del>                                     |                   | -                 |        |
|             | !               |                   |          |             |                | 1             | . 1           |         | 1           |  | 1   | 1             | 1             |               |          |               |  |                   |                   |        |
|             |                 |                   | H-+      |             |                |               | ~             |         |             | +  | -+  |               | -+            |               | +        | +             | <del> +</del>                                    | +                 | +                 |        |
|             |                 |                   |          |             | - 1            | .             |               |         | .           |  |   |               | 1             |               |          | !             |  | 1                 |                   |        |
|             |                 |                   | + +      | -           |                |               |               |         |             |  | +   | +-            | -+            | +-            | +        |               | <del> </del>                                     | <del>+</del>      |                   |        |
|             | 1               |                   |          | :           |                |               |               |         | . 1         | 1  |   |               | 1             |               |          |               |  | †                 |                   |        |
| -+          | -               |                   | +        | -           | -              | -             | -             |         | ·           | $\vdash$   | $\rightarrow$   | -+-           | $\dashv$      | +             | +-       | +             |  | <del></del>       | <del></del>       |        |
|             | 1               |                   |          |             |                | .             |               |         | ا           | 1  | - 1   |               |               |               |          | 1             | [ [  |                   |                   |        |
|             | $\rightarrow$   | $\longrightarrow$ |          |             | $\rightarrow$  | $\rightarrow$ | $\rightarrow$ |         |             | <del></del>                                      |   |               | $\rightarrow$ | +-            | +        |               |  | $\rightarrow$     | $\rightarrow$     |        |
|             | +               | ļ                 | !        |             | 1              |               |               |         |             |  | -   |               |               |               |          | 1             |  |                   |                   |        |
|             |                 |                   | $\vdash$ | $\vdash$    | $\vdash$       |               |               |         |             | $\vdash$   | $\rightarrow$   |               |               |               | +        |               | <del></del>                                      | $\longrightarrow$ | $\longrightarrow$ |        |
|             | 1               |                   | 1 1      |             |                |               |               |         |             |  | 1   | 1             |               |               |          |               | 1  |                   |                   |        |
|             | <u> </u>        | Z x²              |          | <del></del> | ž <sub>X</sub> |               | <u>_</u>      |         |             | No. Obs.   | $-\!$ |               |               | <u></u>       | <u> </u> |               |  |                   | !                 |        |
| I. Hum.     |                 |                   | 1963     |             | 2 X<br>1383    | 4 4           | ₹<br>78.3     | *,      |             | 176  |   |               | - 22 E        | $\overline{}$ |          |               | Temperatu  | _                 | <del></del>       |        |
| y Bulb      |                 |                   | 8300     |             | 1404           |               | 78.1          | 7.1     | 75          | 179  |   | ≤ 0 F         | ± 32 F        |               | 7 F      | ≥ 73 F        | > 80 F   | ≥ 93 F            | <del></del> '     | otal   |
| y Bulb      |                 |                   | 1219     |             | 1289           |               |               |         |             | 176  |   |               | <b></b>       | 7             | 3.0      | 93.0          |  | 4                 |                   |        |
| w Paint     |                 |                   | 1775     |             | 1250           | 7.5           | 73.0<br>70.7  | 1.0     | 11          | 176  | 7   |               |               | 7             | 3.0      | 58.6<br>18.1  |  | <b>⊥</b>          |                   |        |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS O

SAFETAC FORM

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC JOHNSTON ISLAND/PACIFIC IS 45-72 2100-2300 HOURS (L. S. T.) PAGE 1 | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point (F) .2 4.512.1 3.6 2.424.728.7 4.1 .1 1.5 7.2 8.2 1.0 80/ 79 78/ 77 358 358 1057 1078 317 326 187 76/ 75 228 74/ 73 33 817 34 615 72/ 71 666 70/ 69 572 68/ 67 66/ 65 211 30 64/ 63 4.637.549.0 8.7 1796 1765 1765 1765 ಠ 0.26.5 Element (X) No. Obs. 11273165 140769 79.8 5.108 1765 139139 77.5 1.204 1796 93.0 93.0 91.3 10782189 93.0 Dry Bulb 93 93 53.2 Wet Bulb Dew Point

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DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR MEATHER SERVICE/MAC 21603 JUHNSTUN ISLAND/PACIFIC IS 45-72 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point .2 7.423.2 82/ 81 80/ 79 78/ 77 2 577 577 .93.91.8 .4 .2 993 1000 11 226 76/ 75 35 113 121 74/ 73 12/ 71 260 760 70/ 69 521 115 68/ 67 66/ 65 1697 .2 3.131.458.8 6.5 TOTAL 1697 1697 EDITIONS ₹ 0.26-5 (OL 79.3 4.552 Z X2 Mean No. of Hours with Temperature Element (X) No. Obs. 10701942 1697 134542 ≤ 0 F 267 F 273 F 280 F 293 F ≤ 32 F Rel. Hum. 90.0 89.9 90.0 63.7 89.8 15.8 78.0 1.098 73.2 1.309 71.0 1.709 1712 1697 1697 9090347 133587 124183 120550 Dry Buib 5.8 Dew Point 8368476 90

### **PSYCHROMETRIC SUMMARY**

21603 JOHNSTON ISLAND/PACIFIC IS 49-72
STATION NAME PAGE 1 0300-0500

| 174   | <del></del> |          |          |               |             |       |        | 2111 2      |  |             |              |  |              |                 |              |                |           |  |          |          | HOURS (1        |        |
|---|-------------|----------|----------|---------------|-------------|-------|--------|-------------|--|-------------|--------------|--|--------------|-----------------|--------------|----------------|-----------|--|----------|----------|-----------------|--------|
| Solition   |             |          |          |               | <del></del> |       | WET    | BULB        | LEMPER   | ATURE       | DEPRE        | 3210N  | (F)          | 100 0           | 4 05 00      | To             | 20 22     |  | DR WA    | 0. 9."   | W-LDTAL         | 0      |
| 79  |             | <u> </u> | 1 . 2    | 3 - 4         | 3 0         | 7 . 8 | 9 - 10 |             | 13 - 14  | 13 - 10     | 17 - 18      | 19 - 20  | 21 - 22      | 23 - 2          | 4 25 - 26    | 27 - 28        | 29 - 30   | 231  |          |          |                 | Dew Po |
| 74/ 73  | 70/ /9      | į        |          |               | 730 5       | 1.0   | • 1    | 1           |  |             |              |  |              |                 | 1            |                |           | 1  |          |          |                 |        |
| 74/ 73  | 74 79       |          | 102      | 24.           | 7 3 7       | 4.0   |        |             | <del></del>                                      |             | <del> </del> |  | <del> </del> | <del> </del>    | <del> </del> | <del> </del> - |           | <del> </del>                                     |          |          |                 |        |
| TOTAL   |             |          |          |               | 3 2 4 2     |       |        | ļ           | i  |             |              |  |              |                 | ì            |                |           |  | 110      |          |                 | 3      |
| TOTAL   |             | • 1      | _ • 3    | • •           | -           |       |        | <del></del> | <del></del>                                      |             |              | <u></u>  | <del> </del> |                 | +            | <del>, i</del> |           | <del> </del>                                     | ?        | 3        | 570             | 71     |
| Fight 1 3.434.056.6 5.6 .1 1697 1712 1697 1 |             |          |          |               |             |       |        | I           | -  |             |              |  |              |                 |              |                |           |  | Į.       |          |                 | 86     |
| Floment (X)   | 48/ 67      |          |          |               | + -         |       |        |             |  |             | <del> </del> | <u> </u>                                       | <u> </u>     | <del> </del>    | +            | <del> </del> - |           | <del> </del>                                     | ·        |          | · ' '4          | 150    |
| Element (X)   |             |          |          |               |             |       |        | ļ           | 1  |             |              |  |              | 1               |              |                |           |  | i .      |          |                 | 1      |
| Element (X)   | TAL         | - 1      | 3.4      | 34.           | 36.6        | 5.6   | . 1    |             | <del>                                     </del> |             |              |  | t            | <b>†</b>        | +-           | <del> </del>   |           |  | -        | 1712     |                 | 169    |
| Element (X)   |             | -        | - •      |               |             |       | · •    | 1           | j  |             |              |  |              |                 | 1            | 1 1            |           |  | 1697     | • • • •  |                 |        |
| Rel. Hum. 1076847 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4 Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1   |             |          |          | $\vdash$      |             |       |        | -           |  |             |              |  | T-           | <u> </u>        | +            | 1 -            |           | <del>                                     </del> | -30-     |          |                 |        |
| Rel. Hum. 1076847 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4 Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1   | 1           |          |          |               |             |       |        |             |  |             |              |  |              | 1               |              |                |           |  |          |          | . 1             |        |
| Rel. Hum. 1076847 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4 Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1   |             |          |          |               |             |       |        |             |  |             |              |  |              | 1               | 1            |                |           |  |          |          | •               |        |
| Rel. Hum. 1076847 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4 Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1   |             |          |          | L             |             |       |        | i           |  | L           |              | L.   | L _          |                 | _i           | 1 1            |           |  | 1        |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          |          | [             |             |       |        |             | 1  |             |              |  | }            |                 | 1            |                |           | !  | T        |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          |          |               |             |       |        |             |  |             |              |  |              |                 | _l           |                |           |  |          |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             | 1        |          |               |             |       |        |             |  |             |              |  |              |                 |              |                |           | 1  |          |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          |          | <u> </u>      |             |       |        |             |  |             |              |  |              |                 |              |                |           |  |          |          | Ĺ               |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          | -        | 1             |             |       |        |             |  |             |              |  |              |                 | Ţ            |                |           |  | ]        |          |                 |        |
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| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4 Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  | į           | į        |          |               | !           |       | į      | Ì           |  | ]           |              |  |              |                 | Ì            |                |           |  |          |          | i               |        |
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| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  | j           | ļ        |          |               | i .         | ,     |        | ]           |  |             |              |  | Ì            |                 | ļ            |                |           |  |          |          | İ               |        |
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| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  | 1           |          |          |               | i           |       | ,      | ł           |  |             |              |  |              |                 |              | 1              |           |  |          |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ±67F ±73F ±80F ±93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          |          | <u> </u>      | L           |       |        | <u> </u>    |  |             |              | <b></b>  |              | <u> </u>        |              |                |           |  |          |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          |          |               |             |       |        |             |  |             |              |  |              |                 |              |                |           |  | ]        |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ±67F ±73F ±80F ±93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          |          | -             | -           |       |        |             | <del></del>                                      | <u> </u>    |              |  | <b> </b>     | 1               | 4            |                |           |  |          |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  | 1           |          |          |               |             |       |        |             |  |             |              |  |              |                 | 1            | ]              |           |  |          |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ±67F ±73F ±80F ±93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          | L        | ↓             | <del></del> |       |        | L           | <b> </b>   |             |              |  | <b></b>      | l               | -            | $\vdash$       |           | <u> </u>   | <b></b>  |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          |          | 1             |             |       |        |             |  |             |              |  |              |                 |              | 1              |           |  | [        |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          | <u> </u> | <del>  </del> |             |       |        | <u> </u>    |  |             | ļ            |  | <b>├</b>     | —               | ┵            | <b> </b>       |           |  |          |          |                 |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  |             |          |          | 1             |             |       |        |             |  |             |              |  |              |                 |              |                |           |  |          |          | ĺ               |        |
| Rel. Hum. 10768647 134949 79.5 4.697 1697 ±0F ±32F ≥67F ≥73F ≥80F ≥93F Tota  Dry Bulb 10329707 132971 77.7 1.041 1712 90.0 90.0 1.4  Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1  | Florest (Y) |          | Σ?       | <u> </u>      | +           | Z v   |        | ¥           | -  | <del></del> | No. Oh       | <u>.                                      </u> | 1            |                 |              | Mags N         | lo. of ≌. |  | Temperat |          |                 |        |
| Dry Bulb         10329707         132971         77.7         1.041         1712         90.0         90.0         1.4           Wer Bulb         9018666         123692         72.9         1.313         1697         90.0         56.1  |             |          |          | ABA:          |             |       | 40     |             |  |             |              |  | * 0          | = 1             | < 32 F       |                |           |  | ,        |          |                 |        |
| Wer Bulb 9018666 123692 72.9 1.313 1697 90.0 56.1   |             |          |          |               | 7           | 1220  | 71     | 77.1        | 7.0  | 41          |              |  | 0            | <del>' +-</del> | - 32 1       |                | _         |  |          |          | <del>'  '</del> | 9      |
|   |             |          |          |               |             |       | 02     | 72 0        | 1.2  | 1 2         |              |  |              | -+              |              |                |           |  |          | <b>-</b> |                 |        |
| Dew Point 8511113 120148 70.8 1.770 1697 89.4 13.7  | Dew Point   |          |          |               |             |       |        |             |  |             |              |  |              | +               |              |                |           | 13.7   |          | +        |                 | 9      |

DATA PRICESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC JOHNSTON ISLAND/PACIFIC IS 45-72 JUN 0600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTA TOTAL Temp. 84/ 83 .1 .4 3.4 4.5 .3 7.632.213.4 1.010.717.4 2.5 1.4 2.3 .3 •1 82/ 81 149 932 544 80/ 79 927 537 78/ 77 23 326 957 76/ 75 68 67 50 74/ 73 335 11 359 31 680 • 2 72/ 71 70/ 69 517 68/ 67 66/ 65 14 TOTAL 3.421.353.420.6 1.3 1711 1697 1697 1697 a õ 0.26.5 Element (X) 77.5 5.489 78.9 1.428 73.5 1.362 71.2 1.835 267 F 273 F 280 F 293 F 90.0 89.8 31.0 10247190 131540 1697 ± 0 F ≤ 32 F 9158790 134944 124648 120764 90.0 1711 90 Dry Bulb 90 Wet Bulb 8599670 Dew Point 20.6 Page 1940 Con a super

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#### **PSYCHROMETRIC SUMMARY**

0900-1100 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point 88/ 87 3 - 1 . 1 3 86/ 85 .1 2.214.027.1 6.2 .1 4.1 9.4 3.4 .1 84/ 83 82/ 81 462 . 6 462 854 297 848 80/ 79 78/ 77 291 .3 1.1 35 35 76/ 75 74/ 73 72/ 71 . 3 . 2 788 137 689 419 729 . 1 67 70/ 69 333 68/ 67 66/ 65 TOTAL 57 .9 7.826.945.117.8 1.5 1698 1710 1698 1698 Element (X) ΣX X No. Obs. Mean No. of Hours with Temperature 122708 139745 126858 72.3 6.156 81.7 1.584 74.7 1.374 1698 1710 1698 8931960 11424561 9480798 Rel. Hum. ± 0 F ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 90.0 89.9 90.0 86.3 89.6 30.3 90 90 84.9 Dry Bulb Wet Bulb 8767577 121969 Dew Point 1698 90

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FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS

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### **PSYCHROMETRIC SUMMARY**

| 21603       | JUHNSTON ISLAND/PACIFIC IS |               |       |              |               |              |              |         |  |  | 45-72<br>YEARS |         |               |               |              |                  |                |           |  |        |  |  |
|-------------|----------------------------|---------------|-------|--------------|---------------|--------------|--------------|---------|--|--|----------------|---------|---------------|---------------|--------------|------------------|----------------|-----------|--|--------|--|--|
| STAT:QN     |                            |               |       | 5            | TATION N      | AME          |              |         |  |  |                |         |               | YEARS         |              |                  | PAGE           | 1         | JUMON 1200                                       | -140   |  |  |
| Temp.       |                            |               |       |              |               | WET          | BULB T       | EMPER   | ATURE  | DEPRESS  | SION (F)       |         |               |               |              |                  | TOTAL          |           | TOTAL  |        |  |  |
| (F)         | 0                          | 1 - 2         | 3 - 4 | 5 - 6        | 7 . 8         | 9 - 10       | 11 - 12      | 13 - 14 |  | 17 - 18 19                                       | 2 - 20 21      | . 22 23 | - 24 25 -     | 26 27 - 2     | 3 29 - 3     | 0 - 31           | D.B. W.B. D    |           |  | Dew Po |  |  |
| 88/ 87      |                            | i .           |       | :            | . 1           |              | 1.8          |         | ł  |  | 1              | - 1     | }             | 1             |              | -                | 38             | 38        |  |        |  |  |
| 86/ 85      |                            | !             |       | • 2          |               |              | 1.9          |         |  |  |                |         |               |               |              | -                | 237            | 237       |  |        |  |  |
| 84/ 83      |                            |               |       | 4.5          | 19.3          | 21.2         | 1.6          |         | ļ  |  | ļ              |         | j             |               |              | į                | 807            | 808       | l .  |        |  |  |
| 82/ 81      |                            | - e k         |       |              |               | 3.6          | -1           |         |  | <del>,  </del>                                   |                |         | <del></del> - | <del></del>   | i            | -t               | 504<br>95      | 515<br>95 |  |        |  |  |
| 78/ 77      |                            | . 4           |       |              | 1 .           | 1            |              |         |  | !  |                | }       |               |               | 1            | i                | 12             | 12        |  | 3      |  |  |
| 76/ 75      | • 1                        |               |       |              | +             | ·            |              |         |  | <del>                                     </del> |                |         |               |               | +            |                  | 4              | 4         |  | 18     |  |  |
| 74/ 73      | • •                        | . 1           |       | 1            |               |              | ) ;          |         | l .  |  |                |         |               |               |              | ;                | 2              | 2         | 546  | 38     |  |  |
| 72/ 71      |                            |               |       |              |               | ,            |              |         |  |  |                |         |               | 1             | T            | 1                |                |           | 43   | 67     |  |  |
| 70/ 69      |                            |               |       |              |               |              |              |         | ļ  | 1  |                |         |               | 1             | <u> </u>     | ·                |                |           |  | 35     |  |  |
| 68/ 67      |                            | ,             |       | !            |               | }            | ) 1          |         |  |  | - 1            | - 1     | 1             |               |              | 1                | i i            | l<br>i    |  | 5      |  |  |
| 66/ 65      |                            |               | -     |              | 10.0          | -            |              |         |  | <del></del>                                      |                |         |               | +             |              | <del>-  </del> - | +              |           |  | 169    |  |  |
| OTAL        | • 1                        | .9            | 2.    | 10.1         | 36.0          | 33.5         | 5.4          | . 4     | 1  |  |                |         | İ             | 1             | 1            | 1                | 1699           | 1711      | 1699   |        |  |  |
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| Į.          |                            | ì             | l     |              | İ .           |              |              |         | l  | L_l_   |                |         |               |               | <u> </u>     |                  |                |           | 11   |        |  |  |
| 1           |                            | !             |       |              |               |              |              |         |  |  | 7              | T       |               |               | 1            | -                |                |           | i - T  |        |  |  |
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| }           |                            | }             | )     |              | 1             | ļ.           | ) i          |         | }  |  | - 1            |         | 1             | }             | 1            |                  |                |           |  |        |  |  |
| Element (X) |                            | ZX'           |       | <del> </del> | ZZ            |              | X            | ٠,      | <del>'                                    </del> | No. Obs.   |                |         |               | Mean          | No. of       | Hours wit        | h Temperatu    |           |  |        |  |  |
| Rel. Hum.   |                            |               | 0262  | 1            | 118           | 106          | 69.9         | 6.7     | 12   | 169  | 9              | 10 F    | : 32 F        |               | 7 F          | ≥ 73 F           | ≥ 80 F         | - 93 F    | F 7  | atal   |  |  |
| Dry Bulb    |                            | 1177          | 6009  |              | 141           | 15           | 82.9         | 1.7     | 43   | 171  |                |         |               | 9             | 0.0          | 90.0             | 87.6           |           |  | 9      |  |  |
| Wet Bulb    |                            |               | 7430  |              | 1276          |              | 73.1         |         |  | 169  |                |         |               |               | 0.0          | 87.              | .,,            |           |  | 9      |  |  |
| Dew Point   |                            | 880           | 3353  | H            | 1227          | 09           | 72.0         | 2.1     | 24   | 169  | 8              |         | L             |               | 9.7          | 32.4             | 1              | J         |  | 9(     |  |  |

PORM 0.26-5 (OLA) BEYERD REVIOUS EDITIONS OF

SAFETAC 10th 2.2

### **PSYCHROMETRIC SUMMARY**

| STATION                  | 70  | HNST         | rin I        |                 | D/PA         |              | CIS  |         |              | 45-         |  | JUN            |              |                |              |                |               |  |         |              |        |
|--------------------------|-----|--------------|--------------|-----------------|--------------|--------------|--|---------|--------------|-------------|--|----------------|--------------|----------------|--------------|----------------|---------------|--|---------|--------------|--------|
| 3121101                  |     |              |              | J               |              | A MAG        |  |         |              |             |  |                |              |                | EARS         |                |               | PAGE   | 1       | 1500-        | -170   |
| Temp.                    |     |              |              |                 |              |              | BULB T                                       |         |              |             |  |                |              |                |              |                |               | TOTAL  |         | TOTAL        |        |
| ( <b>F</b> )             | 0   | 1 - 2        | 3 - 4        | 5 - 6           | 7 - 8        | 9 - 10       | 11 - 12                                      | 13 - 14 | 15 - 16      | 17 - 18     | 19 - 20                                      | 21 - 2         | 2 23 .       | 24 25 - 2      | 5 27 - 28    | 29 - 3         | 30 - 31       | D.B. W.B. [                                      | ry Bulb | Wer Bulb [   | Dew Po |
| 88/ 87                   |     |              |              | ļ               | i            | .1           |  | • 3     | ĺ            | 1           |  |                |              | 1              | İ            | į              |               | 24   | 24      |              |        |
| 86/ 83                   |     |              |              | •1              | . 5          |              |  | • 1     |              | <b>_</b>    | <u> </u>                                     | <u> </u>       |              |                | <del> </del> | !              |               | 88   | 88      |              |        |
| 84/ 83                   | į   | • 1          |              |                 | 13.9         |              |  |         |              | . 1         |  | 1              |              | - 1            | 1            | 1              |               | 464  | 484     |              |        |
| 82/81                    |     | _ • <u>k</u> |              | 12.2            |              |              |  |         |              |             |  | +              |              |                | <u> </u>     | ·              |               | 755  | 761     |              |        |
| 80/ 79                   | ļ   | • 1          | 3.6          |                 | 6.0          | .2           |  | 1       | 1            |             |  | Í              | ĺ            |                | ĺ            |                | į.            | 290  | 296     | 11           | _      |
| 78/ 77                   |     | .5           |              |                 | -1           |              |  |         | ļ            |             |  | <del>-</del>   |              |                | <del></del>  |                | <del></del> - | 12   | 44      | 165          | - 2    |
|                          | - 1 | • 3          | . 4          | ]               |              |              |  |         |              | 1           |  | 1              |              |                | İ            |                | ļ             | 16   | 12      | 745<br>683   | 14     |
| 74/ 73                   |     | <u>• 1</u>   |              | <del>├</del> ── | <del> </del> | <b></b> -    | <b>├</b>                                     |         | <del> </del> | + $+$       |  | <del>-</del>   | <del>-</del> |                | <del></del>  | <del></del>    | <del></del>   |  | 2       |              | 68     |
| 70/ 69                   | l   | • 1          |              | 1               |              | !            | ; j  |         |              | 1           | ı  |                | 1            |                | Ì            |                | 1             | T  | 1       | 7 4          | 38     |
| 68/ 67                   |     |              | <del> </del> | <del> </del>    |              | <del> </del> |  |         |              | +           |  | +              | +            |                | T            | <del> </del>   | 1             |  |         |              | 6      |
| 66/ 65                   |     |              |              |                 |              |              |  |         |              | 1 [         | ı  |                | 1            | ĺ              | 1            | 1              |               |  |         | '            | U      |
| OTAL                     | . 1 | 1.2          | 8.4          | 22.7            | 45.2         | 19.2         | 2.8  | . 4     |              | -           |  | +              | +            | +              | <del> </del> |                | <del></del>   |  | 1712    |              | 170    |
|                          |     |              |              | ]               | -            |              | ]]   | Ť       |              |             | l  |                |              | l              |              |                |               | 1700   |         | 1700         |        |
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|                          |     |              |              |                 |              |              |  |         |              |             |  |                |              |                |              |                |               |  |         |              |        |
| Element (X)              |     | Z X2         |              |                 | ΣX           |              | X  | x       | $\vdash$     | No. Ob      | <u>.                                    </u> | 1              |              |                | Meon         | No. of         | Hours with    | Temperatu  | re i    |              | -      |
| Rel. Hum.                |     |              | 6499         |                 | 1220         |              | 71.8   |         |              | 17          | 00   | - 0            | F            | 1 32 F         | ≥ 67         | F              | ≥ 73 F        | ≥ 80 F   | + 93 F  | T            | otal   |
| Dry Bulb                 |     | 1147         |              |                 | 1401         | 33           | 81.9   |         |              | 17          |  |                |              |                | 90           | .0             | 19.9          |  |         | -            | 9      |
| Wet Bulb                 |     |              | 7346         |                 | 1269         |              | 74.7   | 1.4     | 52           | 17          |  |                | $\neg \neg$  |                |              | .0             | 85.0          | - 1  |         |              | 9      |
| Dew Point                |     | 875          | 9616         | Τ               | 1219         | 82           | 71.8   | 2.0     | 16           | 17          | 00   |                |              |                | 19           | . 7            | 29.1          | • 1  |         |              | 9      |

USAFETAC FORM 0.26-5 (OLA)

### **PSYCHROMETRIC SUMMARY**

21603 JUHNSTON ISLAND/PACIFIC 15 1800-2000 PAGE 1

| Temp.               |     | ,            |  |  | ·           | WET          | BULB          | TEMPER       | ATURE   | DEPRE   | SSION ( | (F)  |             |        |            |              | TOTAL  |              | TOTAL       |       |
|---------------------|-----|--------------|--|--|-------------|--------------|---------------|--------------|---------|---|---------|--|-------------|--------|------------|--------------|--|--------------|-------------|-------|
| (F)                 | 0   | 1 - 2        | 3 - 4                                  | 5 - 6  | 7 - 8       | 9 - 10       | 11 - 12       | 13 - 14      | 15 - 16 | 17 - 18                                       | 19 - 20 | 21 - 22 2  | 23 - 24 2   | 5 - 26 | 27 - 28 29 | 30 + 31      | D.B. W.B.  | Dry Bulb     | Wet Bulb I  | De≈ P |
| 84/ 83              |     |              |  | :  | 7           | , .9         |               | 1            |         |   |         |  | 1           |        | }          |              | 27   |              |             |       |
| 82/ 81              |     | <b></b>      | . 6                                    | 4.5  | 6.2         | . 8          |               |              |         |   |         | L l  |             |        |            |              | 207  | 207          |             |       |
| 80/ 79 <sub>5</sub> |     |              | 8.8                                    |  |             |              | Í             | 1            |         |   |         |  |             |        | i i        |              | 1001   | 1061         |             |       |
| 78/ 77              |     | . 7          | 6.8                                    |  | 2.0         | • • 1        | L             |              |         | 11  |         |  |             |        | L          |              | 377  | 389          | 39          |       |
| 76/ 75              | . 1 | . 4          | .8                                     | • 2  |             |              |               |              |         |   |         |  |             |        |            |              | 25   | 25           | 412         |       |
| 74/ 73              |     | . 2          |  |  |             |              |               |              |         |   |         | ! !  | ì           |        |            |              | 4.   | 4.           | 948         | 3     |
| 72/ 71              |     | , —          |  |  |             |              |               | 1            |         |   |         |  |             |        |            |              |  |              | 290         |       |
| 70/ 69              |     | į            |  |  | İ           |              | i             | i .          |         | 1   |         | 1  |             |        |            |              |  |              | 12          | 5     |
| 58/ 67              | Ţ.  |              |  |  |             |              |               |              |         |   |         |  |             |        |            | <del></del>  |  |              |             |       |
| 66/ 65              |     |              |  | ĺ  | ĺ           | 1            | !             | ;            |         | 1 (   |         | 1  | 1           |        |            |              |  |              |             |       |
| 54/ 63              |     |              |  |  |             |              |               |              |         |   |         |  |             |        |            |              |  |              |             |       |
| DTAL                | . 1 | 1.6          | 16.9                                   | 55.7   | 23.5        | 2.2          | i             |              |         |   |         | 1 1  |             |        |            |              |  | 1713         |             | 17    |
|                     |     |              |  |  |             | 1            |               | 1            |         |   |         | 1  |             |        |            |              | 1701   |              | 1701        |       |
|                     |     | ĺ            | l                                      | }  |             | ]            |               | } }          |         | ) ]   |         |  | -           |        | !          |              |  |              |             |       |
|                     |     | •            |  |  |             |              |               |              |         |   |         |  |             |        |            |              | *  |              | ···•        |       |
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|                     |     |              | i                                      | İ  |             |              | İ             |              |         |   |         |  | 1           | Í      |            | ĺ            |  | 1            |             |       |
| lement (X)          |     | ZX2          | ــــــــــــــــــــــــــــــــــــــ | <del>                                     </del> | z x         | <del></del>  | X             | -            |         | No. Obs                                       | . Т     | <u>i                                      </u>   |             |        | Mann No    | of Hours wit | h Temperati                                      |              |             |       |
| el. Hum.            |     |              | 1292                                   |  | 1304        | 24           |               | 5.1          | 56      | 170   |         | : 0 F  | · 3         | 2 6    | > 67 F     | ≥ 73 F       | - 80 F   | ₹ 93 F       | ·· ¬- ··· • | otal  |
| ry Bulb             |     |              | 3153                                   |  | 1358        |              | 70 2          | 1.3          | 20      | 17  |         | = U F  | + - 3       | 4 5    |            |              |  |              | <del></del> |       |
| et Bulb             |     |              | 1961                                   | <del> </del>                                     | 1253        |              |               | 1.3          |         |   |         |  | +           |        | 90.0       |              |  | <b></b>      |             |       |
|                     |     |              |  | <u> </u>   |             |              |               |              |         | 170   |         |  | <del></del> |        | 90.        |              |  | <del> </del> |             |       |
| ew Point            |     | 802          | 1768                                   | 1  | 1212        | . 30         | 11.3          | 1.8          | UU      | 179   | ו סט    |  | 1           |        | 89.        | 22.2         | 4  | 1            | 1           |       |

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#### **PSYCHROMETRIC SUMMARY**

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PAGE 1 2100-2300 HOURS ... S. T. WET BULB TEMPERATURE DEPRESSION (F) 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 , 31 D.B. W.B. Dr. 11 9.634.7 7.7 82/ 81 80/ 79 78/ 77 76/ 75 .913.527.1 2.4 46 322 763 1.0 1.1 74/ 73 72/ 71 70/ 69 492 68 5 1699 68/ 67 2.624.562.610.1 1699 No. Obs. Σχ² Zχ Element (X) 1699 1711 10525989 10553250 9164759 133509 134362 124765 78.6 4.522 90 90 78.5 1.088 73.4 1.266 71.3 1.692 90.0 90.0 16.8

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Dry Bulb

Wet Bulb

Dew Point

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#### **PSYCHROMETRIC SUMMARY**

21603 JUHNSTON ISLAND/PACIFIC IS 0000-0200 PACE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 D.B. W.B. Dry Bulb Wer Bulb Dew Poin 82/ 81 80/ 79 78/ 77 .317.939.2 1093 1093 612 612 1.210.620.9 2.1 76/ 75 74/ 73 539 79 881 539 72/ 71 70/ 69 68/ 67 299 685 389 65 66/ 65 1762 2.529.961.0 TOTAL 1762 1762 No. Obs. Element (X) Mean No. of Hours with Temperature 79.2 4.279 78.8 1.066 73.8 1.383 71.7 1.781 1762 1762 1762 11094875 139615 - 67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. 138759 10929391 9601677 93.0 93.0 92.9 93.0 24.3 76.6 32.6 Dry Bulb 73 Wet Bulb 1762 9068796 126370 Dew Point

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0-26-5 (OL A)

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC JUL\_ JUHNSTON ISLANU/PACIFIC IS 45-71 0300-0500 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 84/ 83 82/ 81 80/ 79 78/ 77 853 853 .515.030.4 2.4 1.816.227.7 1.8 24 431 931 838 838 76/ 75 74/ 73 72/ 71 70/ 69 66 76 .8 2.2 66 448 733 415 361 68/ 67 66/ 65 TOTAL 85 1767 .1 3.333.558.9 4.2 1767 1767 1767 THIS FORM ARE ORSOLETE 0.26-5 (OL A) Element (X) Ž X 2 ZX X No. Obs. 140895 79.7 4.458 138498 78.4 1.063 130046 73.6 1.409 11269617 10557512 9574510 1767 1767 1767 267 F 273 F 280 F 293 F 1 32 F 10 F 93 93 Dry Bulb 73.0 93.0 Wet Bulb

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Dew Point

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#### **PSYCHROMETRIC SUMMARY**

21603 JUHNSTON ISLAND/PACIFIC IS 0600-0800 HOURS L. S. T. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 D.B. W.B. Dr, Bulb Wet Bulb Dew Point .1 .4 9.3 7.5 .7 .27 .334 334 .211.456.011.2 84 / 83 82 / 81 80 / 79 78 / 77 76 / 75 74 / 73 13 .9 6.810.1 1.1 334 334: 29 . 8 29 603 • 1 878 3 533 219 693 70/ 69 68/ 67 66/ 65 383 .1 1.920.555.920.8 TOTAL 1767 1767 1767 No. Obs. Mean No. of Hours with Temperature 4.987 273 F 280 F 93.0 49.6 81.2 1 10639689 136831 77.4 1767 ≥ 67 F Rel. Hum. 1 32 F 79.5 1.377 74.1 1.379 71.6 1.805 93.0 9697959 73 14051 1767 Dry Bulb 1767 13 130883 Wet Bulb ij 9108801 126427

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### **PSYCHROMETRIC SUMMARY**

PAGE 1 0900-1100
HOURS IL. S. T.

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| Temp.        |     |  |              |              |             |               |       |              |       |         |          |                | DEPR       |                |               |     |                |   |               |        |      |               |         | TOTA         |        |               | TOTAL    |             |
|--------------|-----|--|--------------|--------------|-------------|---------------|-------|--------------|-------|---------|----------|----------------|------------|----------------|---------------|-----|----------------|---|---------------|--------|------|---------------|---------|--------------|--------|---------------|----------|-------------|
| (F)          | 0   | 1 - 2  | 3 - 4        | 5 - 6        | 7.          | 8             |       |              |       |         |          |                |            |                |               |     | 23 - 2         | 4 25 -  | 26            | 27 - 2 | 8 29 | 30            | 2 31    |              |        | ry Bulb       | Wet Bulb | Dew Par     |
| 90/ 89       |     | <u> </u>   |              | 1            | +           | _             |       | +            | . 1   |         | +        |                |            | 1              | -             |     |                | +   |               |        | -    |               |         | <del> </del> | ī      |               |          |             |
| 88/ 87       |     | !  | i<br>i       |              | ,           | . 2           |       | 4            | . 2   |         |          |                |            |                | - (           |     | [              | ĺ   |               |        |      | - !           |         | i s          | 21     | 21            |          |             |
|              |     | <del> </del> -                                   |              | · .          | 9 3         |               | 3 .   | <del>-</del> | . 2   |         | -        |                |            | +-             |               |     |                | +-  |               |        |      |               |         | 1            |        | 170           |          |             |
| 86/ 85       |     | 1  | 1.1          | . • ]        | 7.3         | ٠٩,           |       | 1            | ٠ ٩   |         | ł        |                |            |                |               |     | ĺ              | 1   | - 1           |        | ]    | !             |         |              |        |               | ļ        |             |
| 84/ 83       |     |  | 1.0          |              | 720         |               |       |              | . 5   |         | <u> </u> |                |            |                | -             |     | <b> </b>       | +   |               |        | -    |               |         | 66           |        | 664           |          |             |
| 82/81        |     | • 1  |              | 14.          |             |               | 3.    | 6            | 1     |         | 1        |                | ļ          | }              |               |     | ļ              | ì   | i             |        | 1    | 1             |         | 7:           |        | 734           | 9        |             |
| 80/ 79       |     | , 2  |              |              |             | . 8           |       | <u> </u>     | i     |         |          |                | ļ <u>.</u> | 4_             |               |     | ļ              | 4_  |               |        | 1    | _ i           |         | 16           |        | 160           | 30       |             |
| 78/ 77       |     | . 3  | .6           |              | 5           | - 1           |       | 1            | ,     |         | l        |                |            | 1              |               |     | }              | 1   | - 1           |        |      | 1             |         |              | 5      | 25            | 311      | 5           |
| 76/ 75       | . 1 | .3   | . 2          |              | <u> </u>    |               |       | ⊥.           |       |         |          |                |            |                |               |     |                | <u>.</u>  | _ 1.          |        |      |               |         | 1            | 0      | 10            | 860      | 21          |
| 74/ 73       |     |  |              |              |             |               |       | T            |       |         |          |                |            | 7              | $\neg$        |     |                | T   | 7             |        | T    |               |         |              | 7      |               | 510      | 53          |
| 72/ 71       |     |  | Ì            | 1            |             | - 1           |       | 1            |       |         | 1        |                |            | 1              | Į             |     | l              | )   | j             |        |      | ļ             |         |              | 1      | i             | 25       |             |
| 70/ 69       | -   |  |              |              |             |               |       |              |       |         | 1        |                |            | 1              |               |     |                |   |               |        |      |               |         | :            |        |               |          | 26          |
| 68/ 67       |     | [  | {            | 1            | 1           | - 1           |       | 1            | ĺ     |         | 1        |                |            | ł              | - 1           |     |                | 1   | j             |        | -    | - 1           |         | !            | :      |               | İ        | ī           |
| 66/ 65       |     | <del>                                     </del> |              |              | +           | +             |       | +-           |       |         | +        |                |            | +              |               |     |                | +-  | -             |        | +-   | +             |         | <del></del>  |        |               |          |             |
| UTAL         | ,   | . 6  | 6.6          | 27.6         | -           | . 7           | 1 8 . | 2            | . 9   |         |          |                |            |                |               |     |                | 1   | ĺ             |        | !    | - (           |         | ļ            | - 1    | 1765          |          | 176         |
| 0.45         |     |  |              |              |             | • •           | ,     | -            | 1     |         | +-       |                | ļ          | +              | -             |     |                | +-  |               |        | +    |               |         | 176          |        | 4,00          | 1765     |             |
|              |     |  |              | }            | 1           |               |       | -            | - 1   |         | 1        |                |            | 1              |               |     |                |   | - 1           |        | į    |               |         | 110          | , ,    |               | 1103     |             |
|              |     | •  |              | -            | +           |               |       | +-           | -+    |         | +        |                |            | +              | -+-           |     | <u> </u>       | -   | -+            |        | +-   | <del>i</del>  |         | <u> </u>     |        | ·             |          |             |
|              |     |  | :            |              | 1           | 1             |       | 1            | ł     |         | -        |                |            | 1              | -             |     | 1              |   | - 1           |        |      | - 1           |         | 1            |        |               |          |             |
|              |     |  | <u> </u>     | L            |             | _+            |       |              |       |         |          |                |            | <del>-</del> - | _+            |     | <u> </u>       | -   | $\rightarrow$ |        | +    | _             |         | <del> </del> |        |               |          |             |
|              |     |  |              | ĺ            | ſ           | - 1           |       | İ            |       |         | ĺ        |                |            | 1              | ĺ             |     | ì              | 1   | - 1           |        |      | - {           |         | 1            | - 1    | 1             |          |             |
|              |     |  |              | ļ            |             |               |       |              |       |         |          |                | L          | 1_             |               |     |                | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |               |        | ⊥_   |               |         | L            | _i     |               |          |             |
|              |     |  |              | 1            | 1           | - 1           |       |              |       |         | ì        |                |            | ì              | -             |     | ļ              | ĺ   | - {           |        | Ĺ    | - {           |         | ĺ            | - (    | 1             |          |             |
|              |     | ı  | 1            | 1            | 1           | - 1           |       |              |       |         |          |                |            |                | l             |     |                |   | ļ             |        | 1    |               |         | 1            | -1     | 1.            |          |             |
|              |     |  | ,            |              | 1           | 7             |       | 1            |       |         | T        |                |            | 1              | $\neg$        |     |                | T   |               |        |      | $\neg \gamma$ |         | T            | T      |               |          |             |
|              |     |  | ļ            |              | 1           | į             |       | 1            | - 1   |         | -        |                |            | 1              | - 1           |     | 1              | 1   | ľ             |        |      | Ì             |         | 1            |        | ì             |          |             |
|              |     |  |              | -            | -           | _             |       | +            |       |         | 1        |                | _          | +              | _             |     |                | +-  |               |        | 1    |               |         | <b></b>      | $\neg$ |               |          |             |
| 1            |     |  | I            | ļ            | 1           | į             |       | İ            |       |         | ļ        |                |            |                |               |     | l              | 1   | ļ             |        | -    | - !           |         | 1            | - {    | {             | i        |             |
|              |     |  | <del></del>  | <del> </del> | +           | -+            |       | +-           |       |         | -        |                | -          | +              | -+            |     | <del> </del> - | +-  | $\rightarrow$ |        | +    |               |         | +            | +      | +             |          |             |
| i            |     |  | )            | į            | 1           | ļ             |       |              | 1     |         |          |                |            |                | 1             |     |                |   | 1             |        | 1    | Ì             |         |              |        |               | 1        |             |
| <del>-</del> |     | ·  | <del> </del> | <del> </del> | +           | $\rightarrow$ |       |              |       |         | +        |                | <u> </u>   |                |               |     |                | +   | -+            |        | -    |               |         | <del> </del> | +      | <del></del> ∔ |          | <del></del> |
| i            |     | 1  | !            | 1            | 1           | -             |       |              |       |         |          | i              | }          | }              | - [           |     |                |   | ļ             |        | 1    | i             |         | }            | -      |               |          |             |
|              |     | <u> </u>   |              | ļ            | <del></del> |               |       | 4_           |       |         | 4_       |                |            | 1_             | $\rightarrow$ |     | <u> </u>       | ╀-  |               |        | ┷-   |               |         | <del></del>  | _      |               |          | ļ           |
| i            |     | 1  |              | 1            | 1           | ĺ             |       | 1            |       |         | 1        | -              |            | 1              | 1             |     | 1              |   | 1             |        | 1    | - 1           |         | 1            |        | ł             |          | ļ           |
| 4            |     | !  | :            | 1_           | L.,         |               |       |              | _ ;   | <u></u> |          |                | L _        | L              | }             |     |                |   |               |        | L.   |               |         | İ            |        |               |          |             |
|              |     |  |              |              |             |               |       | Τ.           |       |         | 1        |                |            |                |               |     |                | $T^-$   | T             |        |      | $\neg$        |         | 1            |        |               |          |             |
| ł            |     | 1  | ł            | 1            | 1           |               |       | 1            |       |         | -        |                | }          |                | - 1           |     | }              | }   | )             |        | 1    | J             |         | ]            | - }    |               |          |             |
| Element (X)  |     | Zx'  | <del></del>  | +            | ZX          |               |       | <u> </u>     | _     |         | ×        | $\top$         | No. C      | bs.            | ٦,            |     |                | Щ.  |               | Mean   | No.  | of Ho         | urs wit | h Tempe      | ratu   | <del></del>   |          |             |
| Rel. Hum.    |     |  | 4072         | 1            | 12          | 77            | 16    | 79           | . 4   | 5.      | 952      | 2              |            | 765            | +             | = 0 | F              | ≤ 32  | F             |        | 7 F  | _             | 73 F    | = 80         |        | - 93 F        | Ţ        | Total       |
| Dry Bulb     |     |  | 8910         |              |             | 54            |       | - ; ;        |       | 1.      | 72/      | <del>.</del> – |            | 763            |               |     | -              | - 31  | -+            |        | 3.0  |               | 93.     |              | 0.0    |               |          | 10101       |
|              |     | 147  | 3380         | }            |             |               |       | -41          | • • • |         | 13       |                |            | 103            |               |     | +              |   | $\dashv$      |        |      | <b>-</b>      |         | 1 - *\       |        |               |          | - 9         |
| Wet Bulb     |     |  | 3230         | 1            | 13          |               |       | _/2          | . 3   | ¥.      | 584      |                |            | 765            |               |     | _              |   |               |        | 3.0  |               | 91.     |              | ••     |               | +        |             |
| Dew Point    |     | 720  | 7051         | .i           | 12          | 79            | σL    | 72           | 5     | 2.      | 11:      | 2              | 1          | 765            | - 1           |     | 1              |   |               | •      | 2.8  |               | 43.     | 2            | • 4    | á             | 1        | 9           |

FORM 0.26-5 (O). A) BEVISED MEYICUS ED

JSAFETAC POBE

### **PSYCHROMETRIC SUMMARY**

21603 JOHNSTON ISLAND/PACIFIC IS 45-71 JUL 1200-1400 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 D.B. W.B. Dry Builb Wer Builb Dew Point 92/ 91 90/ 89 · 1 - 1 57 453 771 57 453 771 88/ 87 86/ 85 84/ 83 82/ 81 80/ 79 388 51 388 104 78/ 77 76/ 75 407 871 85 235 74/ 73 522 637 353 70/ 69 68/ 67 66/ 65 TOTAL 242 .5 4.217.737.636.7 3.2 1765 1765 1765 1765 Element (X) No. Obs Mean No. of Hours with Temperature 8728242 70.0 6.221 1765 93,0 92,3 Rel. Hum. 123632 5 0 F ± 32 F ≥ 67 F + 80 F 12341739 93.0 93.0 92.9 147553 83.6 1.904 75.8 1.693 91.1 Dry Bulb 93 93 1765 93

0-26-5 (OL A) 10 H

USAFETAC

#### **PSYCHROMETRIC SUMMARY**

JUL JOHNSTON ISLAND/PACIFIC IS 45-71 1500-1700 PAGE 1 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 92/ 91 90/ 89 1 1 .1 1.0 4.5 6.1 .5 4.218.810.9 2.313.719.3 3.2 1.9 4.4 3.4 .1 88/ 67 42 42 86/ 85 84/ 83 211 211 613 613 82/ 81 80/ 79 78/ 77 177 177 32 20 342 52 20 76/ 75 865 198 74/ 73 462 357 72/ 71 663 70/ 69 68/ 67 66/ 65 251 34 .8 5.623.446.721.8 1.7 1764 1764 1764 1764 No. Obs 71.6 5.880 82.7 1.956 75.4 1.608 72.5 2.060 126313 9105725 1764 ≤ 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. ± 0 F 12057067 145797 132980 1764 93.0 93.0 93.0 Dry Bulb 90.3 73 Wet Bulb 9268202 Dew Point

ETAC FORM 0-26-5 (OLA) REVISED MEVIOUS EDITIONS OF THIS FORM ARE DESCRETE

USAFETAC FORM 0.26-5 (C

21603 JUHNSTON ISLAND/PACIFIC IS 45-71 WET BULB TEMPERATURE DEPRESSION (F) Temp. 2.014.4 9.3 .1 .310.336.313.4 .2 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Buib Wer Buib Dew Poin 86/ 85 84/ 83 82/ 81 80/ 79 78/ 77 76/ 75 76/ 73 74/ 73 72/ 71 70/ 69 68/ 67 .1 1.116.256.325.3 1.0 ₹ 9 0-26-5

No. Obs.

10 F

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

93.0 93.0 93.0 84.3

**PSYCHROMETRIC SUMMARY** 

PAGE 1

•

162

1765

11

53 467 467 467 1066 1066

162

1765

11

TOTAL

1800-2000 HCHRS IL. 5. T.

TOTAL

115

700

782

166

1765

136

581 634

364

1765

76.7 4.692

80.0 1.298 74.4 1.423

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135441

141263 131241

10432177 11309055 9762325

Dry Bulb

Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC JEHNSTEIN ISLAND/PACIFIC IS 45-71 2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 3 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 7 31 | D.B. W.B. Dry Bulb Wer Bulb Dew Poin 84/ 83 82/ 81 90 .516.849.0 8.1 .5 5.311.9 1.6 80/ 79 1308 1308 52 631 835 240 340 17 340 76/ 75 74/ 73 .5 107 567 72/ 71 70/ 69 657 381 68/ 67 40 1760 1.623.164.710.5 TUTAL 1760 1760 1760 0-26-5 (OL A) No. Obs. Element (X) Mean No. of Hours with Temperature USAFETAC 1760 1760 1760 1760 78.5 4.381 79.3 1.026 74.1 1.369 71.9 1.795 10867869 138087 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. ≤ 0 F 93.0 93.0 93.0 93.0 80.3 36.0 9658379 139503 44,5 93 93 Dry Bulb Wet Bulb Dew Point 9107056 126564

USAF ETAC AIR MEATHER SERVICE/MAC 21603 JOHNSTON ISLAND/PACIFIC IS 45-71
STATION NAME AUC PAGE 1 0000-0200 WET BULB TEMPERATURE DEPRESSION (F)

1 O TAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 231 D.B. W.B. Dry Bulb Wet Bulb Dew Point Temp. 1 1 1 5 3 7 1 5 22 4 5 0 5 1 2 1 5 6 5 2 2 1 2 3 3 97 97 82/ 81 80/ 79 1390 1390 238 238 36 36 107 31 76/ 75 826 720 161 746 .1 74/ 73 • 1 72/ 71 608 101 70/ 69 68/ 67 TOTAL 20 .2 5.029.959.6 5.2 1763 1763 1763 1763 Man Man OF THIS

1763 1763 1763

≤ 0 F

5 32 F

80.0 4.662 79.3 1.044 74.6 1.349 72.6 1.734

140974 139893 131439

127909

**PSYCHROMETRIC SUMMARY** 

Mean No. of Hours with Temperature

93.0 93.0

≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F

49.8

Total

93

<del>73</del>

93

ì (OL A) 0.26-5

ŧ

DATA PROCESSING BRANCH

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Z X;

11310932 11102345 9802531

#### **PSYCHROMETRIC SUMMARY**

21603 JDHNSTON ISLAND/PACIFIC IS 45=71 AUG 0300-0500 HOURS (L. S. T. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poir 82/ 81 80/ 79 78/ 77 2 . 2 . 9 1 . 5 2 0 . 9 4 7 . 6 3 . 9 2 . 2 9 . 8 9 . 8 . 3 1 . 5 . 6 . 3 20 20 1303 1304 2.2 389 389 70 15 711 76/ 75 41 146 74/ 73 72/ 71 836 680 131 644 70/ 69 255 68/ 67 17 3 TUTAL .2 5.431.658.6 4.2 1763 1762 1762 | § ð (OLA) 0.26-5 ( X 7, 80.2 4,734 79.0 1.077 Element (X) Z X Σχ No. Obs. Mean No. of Hours with Temperature 11380519 1762 141361 z 67 F = 73 F = 80 F Rel. Hum. 5 0 F 2 32 F 93.0 93.0 9731399 139303 93.0 93 93 93 Dry Bulb 1763 34.6 74.3 1.319 1762 9221836 1762

### **PSYCHROMETRIC SUMMARY**

R16G3 JUANSTON ISLAND/PACIFIC IS AUG

PAGE 1 0600-0800

| Temp.     |     |          |          |     |       |        |         |          | WET  | BUL      | ВТ       | EMPE    | RAT      | URE  | DEP    | RESSI        | ON (1 | =)     |  |         |      |        |              |         |     | TOTA          | Li              |         | TOTAL       |  | _   |
|-----------|-----|----------|----------|-----|-------|--------|---------|----------|------|----------|----------|---------|----------|------|--------|--------------|-------|--------|--|---------|------|--------|--------------|---------|-----|---------------|-----------------|---------|-------------|--|-----|
| (F)       | 0   | 1 - 2    | 3 -      | 4   | 5 . ( | 5 !    | 7 - 8   | 9        | - 10 | 11.      | 12       | 13 - 14 | 1 15     | - 16 | 17 - 1 | 8 19         | - 20  | 21 - 2 | 23 -   | 24 25   | - 26 | 27 . 2 | 8 29 .       | 30      | 31  | D.B. W.       | в. <sub>D</sub> | ry Bulb | Wet Bull    | b Dew                                  | Po- |
| 84/83     |     | • 1      |          |     |       |        | 1.      |          | . 3  |          | 1        |         | -        |      |        |              |       |        | 1  | -       |      |        | 1            | +-      |     |               | 3               | 63      |             | <del></del>                            |     |
| 82/ 81    |     | . 2      |          |     |       |        | 0.      |          | . 3  |          | ŀ        |         | 1        |      | !      |              | 1     |        |  |         |      |        | 1            | 1       | - 1 |               | 9               | 519     |             | 1                                      |     |
| 80/ 79    |     |          | 12.      | 43  | 15.   | ō      | 7.      | 7        | •1   |          | _        |         |          |      |        | <del> </del> |       |        | <del>                                     </del> |         |      |        | 1            | +       |     | 99            |                 | 991     |             | <del>-</del>                           |     |
| 78/ 77    |     | 1.4      |          |     |       |        |         |          | •    | 1        |          |         | ł        |      |        |              |       |        |  |         |      |        | i            |         |     | 16            |                 | 160     |             | 2                                      | 3   |
| 76/ 75    | . 1 |          |          | . 3 |       | $\top$ |         | +        |      | <b>.</b> | _†       |         | +        |      |        | $\top$       |       |        | T  | 十       |      |        | <del> </del> | 1-      |     |               | 7               | 27      |             | <u> </u>                               | 3   |
| 74/ 73    |     | . 2      |          | . 1 |       |        |         |          |      |          | ,        |         |          |      |        |              |       |        |  | i       |      |        |              |         | - 1 |               | 4               | 4       |             |  | 70  |
| 72/ 71    |     |          |          | 7   |       |        |         |          |      | 1        |          |         | 1        |      |        | $\top$       |       |        |  | 1-      |      |        |              | 1       |     |               | i               |         | 80          |  | 51  |
| 70/ 69    |     |          |          |     |       |        |         | !        |      | -        | ٠.       |         | 1        |      |        | 1            |       |        |  | 1       |      |        |              |         | - 1 |               |                 |         |             | 2                                      | 21  |
| 68/ 67    |     |          |          |     |       | T      |         | T        |      |          | _;       |         |          |      |        |              |       |        |  | T       |      |        |              |         |     |               |                 |         | :           |  | 2   |
| UTAL      | . 1 | 3.9      | 19.      | , 3 | 66.   | 31     | 9.      | 5        | . 8  |          | į        |         |          |      |        | 1            |       |        |  | j       |      |        |              |         | i   |               | - 1             | 1764    |             | 17                                     | 16  |
|           |     |          |          |     |       |        |         |          |      |          |          |         | T        |      |        |              |       |        |  |         |      |        | Ī            | •       |     | 176           | 4               |         | 1764        | 4                                      |     |
|           |     |          | 1        |     |       |        |         |          |      |          |          |         |          |      |        | !            |       |        |  |         |      |        |              |         |     |               |                 |         |             |  |     |
|           |     |          |          | П   |       |        |         |          |      |          | T        |         |          |      |        | T            |       |        |  | T       |      |        |              |         |     |               |                 |         |             | Ţ                                      |     |
|           |     |          |          | _ _ |       |        |         |          |      |          |          |         | L.       |      |        |              |       |        |  |         |      |        | 1            |         |     |               |                 |         |             | 1                                      |     |
| 1         | i   |          |          |     |       |        |         |          |      |          |          |         |          |      |        |              |       |        |  |         |      |        | ,            |         |     |               |                 |         |             |  |     |
|           |     |          |          |     |       |        |         |          |      | <u> </u> |          |         |          |      |        |              |       |        | <u> </u>   |         |      |        | <u> </u>     |         |     |               |                 |         |             | 1                                      |     |
|           |     |          |          |     |       | Ţ      |         |          |      |          |          |         |          | _    |        |              |       |        |  |         |      |        |              | 1       |     |               | ,               |         |             |  |     |
|           |     |          |          |     |       |        |         |          |      | L        |          |         |          |      |        |              |       |        | l  |         |      |        |              |         |     |               |                 |         |             |  |     |
| ļ         | i   |          | 1        |     |       | i      |         |          |      |          |          |         |          |      |        |              |       |        |  |         |      |        |              |         |     |               |                 |         |             | 1                                      |     |
|           |     |          |          |     |       |        |         |          |      |          | _        |         | <u> </u> |      |        | 1            |       |        |  |         |      |        | 1            |         |     |               |                 |         | <b></b>     | 1                                      |     |
|           | 1   |          | i        | İ   |       |        |         |          |      |          | 1        |         | ĺ        |      |        |              |       |        |  |         |      |        | ĺ            |         |     |               |                 |         | İ           | -                                      |     |
|           |     |          | ļ        | _   |       | 1      |         | _        |      |          |          |         | $\perp$  |      |        |              |       |        |  | $\perp$ |      |        |              | $\perp$ |     |               | $\perp$         |         |             |  |     |
|           |     |          | i        |     |       | 1      |         | 1        |      |          | 1        |         |          |      |        | 1            |       |        |  |         |      |        | 1            |         |     |               |                 |         |             | 1                                      |     |
|           |     |          | <u> </u> |     |       | _      |         | <u>.</u> |      | ļ        | _        |         | ļ        |      |        |              |       |        |  |         |      |        | 1            | $\perp$ |     |               |                 |         | 1           |  |     |
| -         |     |          |          | ij  |       | - }    |         |          |      | 1        | į        |         |          |      |        |              | - }   |        | 1  |         |      |        | j            | - [     |     |               |                 |         |             |  |     |
|           |     |          | ļ        | _   |       |        |         |          |      | ļ        | -        |         | ļ.,      |      |        |              |       |        | ļ  |         |      |        | 1            | $\perp$ |     |               | _               |         | Ĺ           | 1                                      |     |
| İ         | ĺ   |          | i        |     |       |        |         |          |      | Ì        | - !      |         | 1        |      |        |              |       |        |  |         | ĺ    |        |              |         |     |               | -               |         | i .         |  |     |
|           |     |          | <b></b>  | _   |       |        |         | _        |      |          |          |         | <u> </u> |      | ļ      | Щ.           |       |        |  | _       |      |        | $\perp$      | 1       |     |               |                 |         | 1           | <u> </u>                               |     |
|           | 1   |          | 1        |     |       |        |         | -        |      |          |          |         | -        |      |        |              | Ì     |        |  |         |      |        | 1            |         |     |               |                 |         | 1           |  |     |
|           |     |          | <b>.</b> |     |       | 4      |         |          |      | <u> </u> | +        |         | 4        |      |        |              |       |        | ļ  |         |      |        | 1            | $\perp$ |     |               | -               |         |             | +                                      |     |
| ł         |     |          |          |     |       |        |         |          |      |          | - 1      |         |          |      |        |              |       |        |  |         |      |        | 1            |         | ļ   |               |                 |         | 1           |  |     |
|           |     |          | +        | -+  |       | 4      |         |          |      |          |          |         | -        |      |        | -            | _     |        | -  | +       |      |        | 4            |         |     |               | +               |         | ļ           | ↓                                      |     |
|           |     |          | 1        |     |       |        |         | 1        |      |          |          |         | İ        |      |        |              |       |        |  |         |      |        |              |         | 1   |               | -               |         |             |  |     |
| E1 . (Y)  |     | Σχ²      | 1        | +   |       | Ļ      | x       |          |      | <u> </u> | $\dashv$ |         | 1        | _    | No. (  | <u> </u>     |       |        | 1  |         |      |        | No. of       | <u></u> | ال  | <del>-</del>  |                 |         |             | ــــــــــــــــــــــــــــــــــــــ |     |
| Rei. Hum. |     | 2 X 1079 |          | 14  |       |        | X<br>37 | 44.      | -    | ÿ.       | +        | 5.      | 2 K S    |      |        | 764          | _     | ± 0    |  | ± 32    |      |        | 7 F          | # 73    |     | Tempe<br>≥ 80 |                 | ₹ 93    |             | Total                                  |     |
| Dry Bulb  |     | 1130     | 1884     | 7   |       |        | 41      |          | 5    | 10.      | +        | 1.      | 202      | }    |        | 764          |       | = 0    | -+   | - 32    | · F  |        | 3.0          |         | 3.0 |               |                 | ÷ 93    |             |  | 9   |
| Wet Bulb  |     | 984      | A04      |     |       |        | 31      |          |      | 74       | #        | 1.      | 273      | }-   |        | 764          |       |        | $\rightarrow$                                    |         | —-   |        | 3.0          |         | 1.4 |               |                 |         | <del></del> |  | 9   |
| Dew Point |     |          | 26       |     |       |        | 27      |          |      | 72.      |          |         |          |      |        | 764          |       |        |  |         |      |        | 3.0          |         | 3.3 |               | :1              |         |             |  | 9   |

USAFETAC FORM 0.26-5 (OLA)

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC JOHNSTON ISLAND/PACIFIC IS 45-71 AUG PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poir 90/ 89 88/ 87 . Z . 1 .2 1.5 6.7 7.1 .1 .9 7.824.6 9.4 .2 2.214.613.6 1.6 .3 2.6 1.8 .2 288 288 86/ 85 84/ 83 82/ 81 757 757 11 566 87 566 19 78 80/ 79 87 78/ 77 76/ 75 . 5 .5 441 16 16 931 299 10 74/ 73 72/ 71 . 1 640 567 70/ 69 148 68/ 67 1763 .1 1.5 6.426.045.719.0 1.2 1763 1763 1 1 2 õ 0.26.5 Element (X) No. Obs. 9331927 12144137 10159657 127787 146285 133805 72.5 6.284 83.0 1.860 75.9 1.574 1763 1763 1763 Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F Total 93.0 93.0 93.0 92.4 93.0 94.8 90.2 93 Dry Bulb Wet Bulb 93 Dew Point 128862 1763

DATA PROCESSING BRANCH USAF ETAC AIR SEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

| 1603       | <u> 10</u> | HINST    | UN 1  | SLAN   | C/FA         | CIFI         | C 15   |         |              | 45                   | -71          |  |  |                   | EARS         |        |              |              |              | A.               | าด     |
|------------|------------|----------|-------|--|--------------|--------------|--|---------|--------------|----------------------|--------------|--|--|-------------------|--------------|--------|--------------|--------------|--------------|------------------|--------|
| 5121100    |            |          |       | 5  | TATION N     | AME          |  |         |              |                      |              |  |  | **                | LAKS         |        |              | PAGE         | 1            | 1200<br>HOURS IL | -140   |
| Temp.      |            |          |       |  |              |              | BULB T   |         |              |                      |              |  |  |                   |              |        |              | TOTAL        |              | TOTAL            |        |
| (F)        | 0          | 1 - 2    | 3 - 4 | 5 - 6  | 7 - 8        | 9 - 10       | 11 - 12  | 13 - 14 | 15 - 16      | 6 17 - 18            | 19 - 20      | 21 - 22                                | 23 - 24                                      | 25 - 26           | 27 - 28      | 29 - 3 | 0 - 31       | D.B. W.B. D. | , Bulb       | Wet Buib         | Dew Pa |
| 92/ 91     |            | :        |       | ł  | . 1          | 2            |  | - 1     |              | 1                    |              | ]                                      |  | ] _               |              | . –    | Ī            | 7            | 7            | - 1              |        |
| 90/89      |            |          |       | • 2  |              | <del></del>  |  | _ • 1   |              | +                    | <u>.</u>     | <del> </del>                           |  | L                 | ·            |        |              | 32           | 32           | i                |        |
| 88/ 87     |            |          | ì     | • 3  |              |              |  |         | !            |                      |              | 1                                      | i  |                   | i            |        |              | 76           | 76           |                  |        |
| 86/_85     |            |          | • •   | 2.6  | 14.1         | 21.4         | 2.0  |         | <u> </u>     | -i                   | <u>:</u>     | <u> </u>                               | <u>.                                    </u> | <br><del> -</del> |              |        |              | 712          | 712          |                  |        |
| 84/ 83     |            | • 1      |       |  |              | 10.4         |  |         | -            |                      | Ì            |  | 1  |                   | i i          |        |              |              | 647          | 5                |        |
| 82/ 81     |            |          | 1,2   |  | 5.3          | . 2          | L  |         | :<br>4       | · L                  | ļ            |  | ļ  | ļ                 | 1            |        |              | 221          | 221          | 20               |        |
| 8C/ 79     |            | .2       |       |  | -1           | •            | 1 :  |         | ļ            | 1                    | 1            |  | 1  | 1                 |              |        |              | 47           | 47           | 137              |        |
| 78/ 77     |            | . 6      |       | • 1  |              | <u> </u>     | Ļ  |         | <u> </u>     | _                    | <u> </u>     |  | <u> </u>                                     |                   |              |        | -            | 18           | 18           | 568              | •      |
| 76/ 75     | • 1        |          |       |  |              | İ            |  |         |              |                      |              |  |  |                   |              |        | Į.           | 4            | 4            | 866              | 33     |
| 74/ 73     |            | .1       |       | Ĺ  | · -          | Ĺ            | <b></b>  |         | <u> </u>     |                      |              |  |  | !                 | -            |        |              | 2            | 2            | 164              | 6      |
| 72/ 71     |            |          | }     | ļ  | İ            | Ì            |  |         |              |                      |              |  |  | i                 | '            |        |              |              |              | 6                | 56     |
| 70/69      |            |          |       |  | <u> </u>     | <u> </u>     | L  |         |              | .!<br>~ <del> </del> | ļ            | <u> </u>                               | L  | -                 |              |        |              |              |              |                  | 1:     |
| 58/ 67     |            |          |       |  |              | j            |  |         |              |                      |              |  |  | :                 | i            | İ      |              |              |              | 1                |        |
| 66/ 65     |            |          |       | L  |              |              | <del>  </del>                                    |         | <u> </u>     | -                    | L            | <u> </u>                               | L  | <u> </u>          | :            |        |              |              |              |                  |        |
| JTAL       | • 1        | 1.1      | 3.9   | 16.4   | 39.5         | 35.4         | 3.4  | • 2     | 1            |                      |              | 1                                      | Ì  |                   |              |        |              |              | 1766         |                  | 170    |
|            |            |          |       |  |              | ļ            | L  |         | ļ            | ↓                    | <u> </u>     |  | ļ  | -                 | <del>.</del> |        |              | 1766         | - +          | 1766             | _~_    |
|            |            |          |       |  |              | 1            | . 1  |         |              |                      |              | -                                      |  | 1                 |              |        |              |              |              | 1                |        |
|            |            | Li       |       | ļ -—   |              | <u> </u>     |  |         | L            | <del> </del>         | ļ            | <b>↓</b>                               | -  |                   | -            |        |              |              | ·-·          |                  |        |
|            |            |          | l     |  | İ            | 1            |  |         | İ            |                      |              |  | İ  |                   |              |        |              | 1            |              | į                |        |
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|            |            |          |       | <u>.                                    </u> |              |              |  |         | ļ            | ļ                    | <del> </del> |  |  | <u> </u>          | ļ            |        | J.—          | <del></del>  |              |                  |        |
| !          |            |          |       |  |              | 1            | · i  |         | i            |                      |              |  |  |                   |              |        |              | ] 1          |              | 1                |        |
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| 1          |            |          |       |  | 1            |              | : 1  |         | 1            | İ                    | 1            |  |  |                   |              |        | 1            |              | i            |                  |        |
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|            |            |          |       |  | 1            | !            | ļ i  |         |              |                      |              |  |  | 1                 |              |        |              |              | į            | Í                |        |
|            |            |          |       |  |              |              | <del> </del>                                     |         | <del> </del> | <b></b> _            |              |  | ļ  | ļ                 | <del> </del> |        | 4—           |              | <del> </del> |                  |        |
| İ          |            |          |       |  |              |              | l i  |         | i            |                      |              |  |  | 1                 |              |        | 1            |              | i            | -                |        |
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| +          |            |          |       | ├  |              | <del> </del> | <b>├</b>   |         | <del> </del> | +                    | ļ.—.         | <del> </del>                           | <del></del>                                  | <b>├</b> ──       |              |        | +            | $\vdash$     |              |                  |        |
| ĺ          |            |          | ĺ     | [  |              | 1            | ( I  |         | İ            |                      |              | 1                                      | 1  |                   | 1 1          |        |              |              |              | }                |        |
| lement (X) |            | ZX'      |       |  | Σχ           | <del></del>  |  | - ·     | <del></del>  | No. O                | <u></u>      | ــــــــــــــــــــــــــــــــــــــ |  | Ц                 | Mana A       | 10.06  |              | l Tanassia   |              |                  |        |
| el. Hum.   |            |          | 4122  |  |              | 24           | X 70 2   |         |              |                      | 766          |  |  | : 32 F            |              |        |              | h Temperatur |              | <del>-</del>     | otal   |
| bry Bulb   |            | 1251     |       |  | 1465         |              | 70.2   |         |              |                      |              | ≤ 0                                    |  | : 32 F            | ≥ 67         | _      | ≥ 73 F       | - 80 F       | € 93 F       | <del>'</del>     |        |
| Vet Bulb   |            |          | 6838  |  | 1348         |              |  |         |              |                      | 766          |  |  |                   | 93           |        | 93.          |              |              | -                | - 5    |
| Ter Bulb   |            |          | 1892  |  | 1902         | 1            | 76.3   | 1.0     | 77           |                      | 766          |  |  |                   | 93           |        | 92,          |              |              |                  | 9      |

USAFETAC FORM 0-26-5 (OL A)

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

21603 UDHNSTUN ISLAND/PACIFIC IS 45-71 AUG 1500-1700 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dr, Bulb Wet Bulb Dew Poin 92/ 91 90/ 89 88/ 87 86/ 85 .2 3 2 .3 .2 1 .4 7.510.0 .6 6.921.2 9.3 2.213.914.5 1.2 .6 2.0 1.5 1.1 .8 .7 20 32 20 32 341 673 341 673 84/ 83 82/81 563 95 563 95 27 78/ 77 76/ 75 306 • 1 74/ 73 276 631 72/ 71 586 70/ 69 68/ 67 .1 1.9 5.724.245.221.6 1.3 1766 1766 1766 1767 ã 9 0.26-5 MO 101 Element (X) Mean No. of Hours with Temperature 127414 146696 134061 72.1 6.426 83.1 2.024 75.9 1.557 67 F +73 F +80 F 93.0 93.0 89.6 93.0 92.3 1.9 93.0 54.0 .4 1766 1766 1766 9265598 Rel. Hum. ± 0 F 12192798 Dry Bulb Wet Bulb 93 9436304 12907 73.0 2.027 1767

DATA PROCESSING BRANCH USAF ETAC ATR SEATIER SERVICE/MAC

JOHNSTON ISLAND/PACIFIC IS

#### **PSYCHROMETRIC SUMMARY**

PAGE 1 1800-2000 
 WET BULB TEMPERATURE DEPRESSION (F)
 TOTAL
 TOTAL
 TOTAL

 1 - 2
 3 - 4
 5 - 6
 7 - 8
 9 - 10
 11 - 12
 13 - 14
 15 - 16
 17 - 18
 19 - 20
 21 - 22
 23 - 24
 25 - 26
 27 - 28
 29 - 30
 231
 D.B. W.B. Dry Bulb Wet Bulb Dew Point
 88/ 87 1 86/ 85 1 1 1 2 3 4 9 2 9 5 1 1 1 1 9 5 2 7 4 7 3 65 82/ 81 80/ 79 78/ 77 76/ 75 807 797 72 807 1.0 9.5 797 72 238 748 560 59 74/ 73 72/ 71 70/ 69 561 168 68/ 67 66/ 65 1765 TOTAL .1 2.716.858.921.1 1765 1765 1765 Element (X) No. Obs. 77.5 5.033 80.5 1.267 75.0 1.375 1765 1765 1765 136769 Rel. Hum. 10642851 ≥ 67 F ≥ 73 F 142082 93.0 93.0 92.9 93.0 90.0 53.8 11440394 9928461 Dry Bulb Wet Bulb 9351083 128431 1765 93 Dew Point

45-71

REVISED PREVIOUS

0-26-5 (OL A)

DATA PRUCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

216G3 JOHNSTON ISLAND/PACIFIC IS 45-71

2100-2300 PAGE 1

| Temp.       |     |       |          | ,        |          | WET    | BULB .  | TEMPER     | ATURE    | DEPRE   | SSION   | (F)      |         |          | ,,      |         |               | TOTAL                                      |          | TOTAL    |         |
|-------------|-----|-------|----------|----------|----------|--------|---------|------------|----------|---------|---------|----------|---------|----------|---------|---------|---------------|--|----------|----------|---------|
| (F)         | 0   | 1 - 2 | 3 - 4    | 5 - 6    | 7 - 8    | 9 - 10 | 11 - 12 | 13 - 14    | 15 - 16  | 17 - 18 | 19 - 20 | 21 - 22  | 23 - 24 | 25 - 26  | 27 - 28 | 29 - 30 | ≥ 31          | D.B. W.B.                                  | Dry Bulb | Wet Bulb | Dew Poi |
| 86/ 85      |     |       |          |          |          | . 1    | - 1     |            |          | 1 1     |         |          |         | 1        |         |         |               | · 2  | 2        | -        |         |
| 84/ 83      |     |       |          |          | .1       |        | L       |            |          |         |         | <u> </u> |         | <u> </u> |         |         |               | 2  | 2        | i        |         |
| 82/ 81      |     | • 1   | 5,4      | 16.9     | 2.2      |        | l       |            |          |         |         |          |         | 1        |         |         |               | 432  |          |          |         |
| 80/ 79      |     | . 5   | 16.3     | 42.1     | 6.1      | -1     | L       | l          |          | ļ l     |         |          |         | <u> </u> | ļ       |         |               |  | 1149     |          |         |
| 78/ 77      | . 1 | 1.7   | 3,9      | 3.0      | .5       |        |         |            |          | 1       |         |          |         | 1        | ł       |         |               | 162  |          |          |         |
| 76/ 75      | -1  | . 4   | ,6       |          |          |        | l       |            |          | i l     |         | <u> </u> |         | L        |         |         |               | 18   | 18       |          | 20      |
| 74/ 73      | 1   | • 1   |          | 1        |          |        | ĺ       |            |          | 1 1     |         | 1        |         | ł        |         |         |               | 1  | 1        | 599      | 80      |
| 72/ 71      |     |       |          |          |          |        |         |            |          |         |         |          |         |          |         |         |               |  |          | 67       | 54      |
| 70/ 69      | ì   |       |          | 1        |          |        |         | 1          |          | 1 (     |         |          |         | ł        |         |         |               | 1  |          |          | 16.     |
| 68/ 67      |     |       |          | L        |          |        |         |            |          |         |         |          |         |          |         |         |               |  |          |          | 1       |
| 66/ 65      | ì   |       |          | ĺ        | İ        |        | 1       |            |          | 1 1     |         | į į      |         | 1        |         |         | }             | 1  |          | {        |         |
| UTAL        | - 1 | 2.7   | 26.2     | 62.0     | 8.8      | . 2    | -1      |            |          |         |         |          |         |          |         |         |               |  | 1766     |          | 176     |
|             |     |       | ĺ        |          |          |        |         |            |          | i i     |         |          |         | 1        |         |         |               | 1766                                       |          | 1766     |         |
|             |     |       | L        |          |          |        |         |            |          |         |         | L        |         |          |         |         |               |  |          |          |         |
| 1           | - 1 |       |          |          | (        |        |         |            |          | 1 1     | 1       | l        |         |          | i       | }       |               | !!!!                                       |          |          |         |
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| -           | - 1 |       | ĺ        |          |          | ĺ      | 1       |            |          | i i     |         | 1        |         | {        |         |         |               | I I  |          |          |         |
|             |     |       | i<br>4   | <u> </u> |          |        |         | ļ          | <u> </u> |         |         | <u> </u> | <br>    | <u> </u> |         |         |               | ·<br>• · · · · · · · · · · · · · · · · · · |          |          |         |
| (           | ĺ   |       | ĺ        | (        |          | 1      | ĺ       | 1          |          | 1       | 1       |          |         | 1        |         |         |               | , ,  |          |          |         |
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|             |     |       |          |          |          |        |         |            |          |         |         |          |         |          |         |         |               |  |          |          |         |
|             |     |       | ]        | İ        |          |        |         | 1          | !<br>    |         |         | L        |         | <u> </u> |         |         |               | li   |          |          |         |
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|             |     |       |          |          |          | !      |         |            | 1        |         |         |          |         | İ.,      |         |         |               | ] [  |          |          |         |
|             |     |       | 1        | i        |          |        |         |            |          |         |         |          |         |          |         |         |               |  |          |          |         |
|             | 1   |       | ]        |          |          |        | i       |            | 1        |         |         |          |         |          |         |         |               | 1 !  |          |          |         |
|             |     |       |          |          |          |        | i       |            |          |         |         |          |         |          |         |         |               |  |          |          |         |
| -           |     |       | 1        | 1        |          |        | İ       |            |          |         |         |          |         | 1        |         |         |               |  |          |          |         |
|             |     |       |          |          | 1        |        |         | 1          |          |         |         |          |         |          |         |         |               |  |          |          |         |
|             |     |       |          |          |          |        |         | 1          | 1        |         | :       |          |         |          |         |         |               |  |          |          |         |
|             |     |       |          | 1        | T        |        |         | 1          |          | 1       |         | 1        |         | 1        |         |         |               |  |          |          |         |
|             |     |       |          | 1        |          |        | l       |            | !        |         |         |          |         | i        |         |         |               | ]  |          | i        |         |
|             |     |       |          |          |          |        |         |            |          | 11      |         |          |         | 1        |         |         |               |  |          |          |         |
|             |     |       |          |          | <u> </u> |        |         |            |          |         |         |          |         | <u> </u> |         |         |               | <u> </u>                                   |          |          |         |
| Element (X) |     | ΣX,   |          | <b></b>  | ZX       |        | ¥       | <b>€</b> X |          | No. Ob  |         |          |         |          |         |         | $\overline{}$ | Temperat                                   | ure      |          |         |
| Rel. Hum.   |     | 1108  |          |          | 1396     |        | 79.1    | 4.5        | 75       | 17      | 66      | = 0      | F :     | 32 F     | ≥ 67    |         | 73 F          | ≥ 80 F                                     | ₹ 93 F   |          | otal    |
| Dry Bulb    |     | 1126  |          |          | 1410     |        | 79.9    | 1.0        | 70       | 17      |         |          |         |          |         |         |               | 68,  | 6        |          | 9       |
| Wet Bulb    |     |       | 4422     |          | 1321     |        | 74.8    | 1.3        | 26       |         | 66      |          |         |          | 93      | .0      | 89,2          |  |          |          | 9       |
| Dew Point   |     | 934   | 8155     |          | 1284     |        | 72.7    | 1.7        | 16       | 17      | 66      |          |         |          | 92      |         | 54.7          |  | 1        |          | 9       |

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 2

### **PSYCHROMETRIC SUMMARY**

21603 JOHNSTON ISLAND/PACIFIC IS

45=71

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0000-0200

| Temp.         |             |       |              |              | ,   | WE1          | BULB .       | TEMPE       | RATURE   | DEPRE        | SSION ( | F)      | r           |  |  |         |  | TOTAL  |          | TOTAL<br>Wet Bulb |        |
|---------------|-------------|-------|--------------|--------------|---|--------------|--------------|-------------|--|--------------|---------|---------|-------------|--|--|---------|--|--|----------|-------------------|--------|
| (F)           | 0           | 1 - 2 | 3 - 4        | 5 - 6        | 7 - 8   | 9 - 10       | 11 - 12      | 13 - 14     | 15 - 16  | 17 - 18      | 19 - 20 | 21 - 22 | 23 - 24     | 25 - 26  | 27 - 28  | 29 - 30 | ≥ 31   | D.B. W.B.  | Dry Bulb | Wet Bulb          | Dew Po |
| 84/ 83        |             |       | į            | 1            | • 1   |              | <b>≥</b>     |             |  | 1            |         |         |             |  |  |         | İ  | 4  |          | i                 |        |
| 82/ 81        | i           |       | 1.2          | 8.4          | 1.9   | ļ            |              | ĺ           | ľ  | 1 1          | 1       |         |             |  |  |         |  | 197  | 197      | 1                 |        |
| 80/ 79        |             | . 4   | 17.3         | 48.2         | 4.9   | .4           | N .          |             |  |              |         |         |             |  |  |         |  |  | 1217     |                   |        |
| 78/ 77        | . 1         | 1.2   | 6.1          | 8.0          |   |              |              |             |  |              |         |         | ļ           | ĺ  |  |         |  | 268  | 270      | 60                |        |
| 76/ 75        | . 1         | . 6   |              |              |   |              | <u> </u>     |             | <del></del> -                                    | 1            |         |         | i           |  |  |         | <del></del>  | 22   |          |                   |        |
| 74/ 73        | - 7         |       | 1            | 1            | -   | 1            |              |             |  |              |         |         | ļ           | }  | ] }  |         | į.   |  |          | 738               | 70     |
| 72/ 71        |             |       |              |              |   |              | 1            |             | <del>!</del>                                     | 1            |         |         |             | 1  |  |         | +  |  |          | 114               | 62     |
| 70/ 69        |             |       |              |              | •   | 1            |              | :           | ;  | 1            |         |         |             |  | !  |         |  | ;  |          | d                 | 21     |
| 68/ 67        |             |       |              | -            | <u> </u>                                      |              | <del></del>  |             | <del> </del>                                     | <b>,</b>     |         |         |             | <del></del>                                      |  |         |  |  |          | <del></del>       | i      |
| 66/ 65        | i           |       |              | 1            |   |              | }            |             | ı  |              | i       |         |             | !  | 1  |         | ľ  | ! :  |          |                   | •      |
| DYAL          | - 2         | 2.2   | 25.0         | 64.7         | 7.3   |              | <del> </del> |             | 1  | <del>i</del> |         |         | <del></del> | <del>                                     </del> | 1  |         | <del>.                                      </del> | <del></del>                                      | 1710     |                   | 170    |
|               | • -         |       |              |              | , , , ,                                       | 1 ••         | 1            |             | 1  | 1            |         |         |             |  |  |         | 1  | 1707   |          | 1707              |        |
|               |             |       | -            | +            | <del></del>                                   | <del> </del> | -            |             |  | +            |         |         | <del></del> |  | 1  |         | <del></del>  | 1101   |          | 1707              |        |
| -             |             |       |              | -            |   |              |              |             |  |              |         |         |             |  |  |         | ì  | !  |          |                   |        |
|               | <del></del> |       | -            | <del> </del> | <del> </del>                                  | ├            | <del> </del> | <del></del> | <del> </del> -                                   | + +          |         |         |             | <del> </del>                                     | <del>                                     </del>   |         | <del></del>  | <del>                                     </del> |          | · · · · · · ·     |        |
| !             |             |       | <b>!</b>     | 1            | 1   |              |              | l           | 1  |              |         |         |             |  |  |         | Į.   | !  |          | 1                 |        |
|               | ——-i        |       | -            | <del> </del> | <del> </del>                                  | ļ            | -            | -           | ├  | +            |         |         |             |  | <del>                                       </del> |         | 1  |  |          |                   |        |
|               | į           |       |              |              |   |              | }            |             |  |              |         |         |             | 1  | ] ]  |         | -  |  |          | į                 |        |
|               |             |       | <del> </del> | <del> </del> | -   | +            | <u> </u>     |             | <b>├</b> ──-                                     | 1            |         |         |             | <u> </u>   |  |         | <del> </del>                                       | <u> </u>   |          | +                 |        |
|               | į           |       | 1            | ļ            | ļ   |              |              | Í           | [  | [            |         |         | [           |  | [ ]  |         | [  |  |          |                   |        |
| _ <del></del> |             |       | <u> </u>     | ļ            |   |              |              |             | ļ  | 1            |         |         |             |  | <u> </u>   |         | ļ  |  |          | <b>!</b>          |        |
|               |             |       | i            | İ            |   |              | 1            |             |  |              |         |         | 1           |  |  |         |  |  |          |                   |        |
|               |             |       | <u></u> .    |              | <u>i                                     </u> | ļ            | <u> </u>     |             |  |              |         |         |             |  | <u> </u>   |         |  |  |          | <u> </u>          |        |
| 1             | ĺ           |       | 1            | 1            | ł   | 1            | ł            |             | ł  | 1 1          |         |         |             | l  |  |         | }  |  |          | 1                 |        |
|               |             |       |              |              | <u> </u>                                      | Ĺ            | l            |             |  |              |         |         |             |  |  |         |  |  |          | Li                |        |
| i             | ĺ           |       |              |              |   |              |              |             |  | l l          |         |         |             |  |  |         |  |  |          |                   |        |
|               |             |       |              |              | !   | i            | -            |             |  |              |         |         | İ           |  | j l  |         |  |  |          | !                 |        |
|               |             |       |              |              | T   | T            |              | ĺ           |  |              |         |         |             |  |  |         |  |  | _        |                   |        |
| 1             |             |       | Į.           |              |   |              |              |             | 1  | !!           |         |         | 1           |  |  |         |  | ĺ  |          |                   |        |
|               |             |       |              | 1            | $\overline{}$                                 |              | †            |             | T -  |              |         |         |             |  |  |         | <u> </u>   |  |          | $\Box$            |        |
|               |             |       |              |              | 1   |              | 1            |             | 1  |              |         |         |             |  |  |         | 1  |  |          | į į               |        |
|               |             |       |              | $\vdash$     |   |              | 1            |             | <del>                                     </del> |              |         |         |             |  | 1  |         |  | <del></del>                                      |          | F                 |        |
| i             | - 1         |       | i            | 1            | 1   | 1            |              | 1           | 1  | 1 1          |         |         |             | l  |  |         | 1  |  |          |                   |        |
|               |             |       |              | <del> </del> | <b>†</b>                                      | <del> </del> | $\vdash$     |             | <del>                                     </del> | +            |         |         |             |  | 1  |         | <del>                                     </del>   |  |          | -                 |        |
|               | 1           |       | 1            |              |   |              |              |             |  |              |         |         |             | 1  |  |         |  |  |          | 1                 |        |
| Element (X)   |             | Z X 2 | 1            |              | z x   |              | X            | ₹,          |  | No. Obs      | . 1     |         |             |  | Mean N   | o. of H | ours with  | Temperat   | ure      |                   |        |
| Rel. Hum.     |             |       | 8020         |              | 1346  | 82           | 79.0         | 4.3         | 97   | 17           |         | ≤ 0     | F :         | 32 F   | ≥ 67   | F z     | 73 F   | ≥ 80 F   | - 93 1   | e T               | otal   |
| Dry Bulb      | _           | 1080  | 4243         | 3            | 1359  | 11           | 79.3         | 1.0         | 07   | 17           | 10      |         |             |  | 90   | • a     | 90.0   | 51.  | 7        |                   | 9      |
| Wet Bulb      |             |       | 7435         |              | 1270  | 39           | 74.4         | 1.1         | 02   | 17           |         |         |             |  | 90   |         | 83.5   |  |          |                   | 9      |
| Dew Point     |             | 802   | 425          | S            | 1232  |              | 72.3         |             |  | 17           |         |         |             |  | 19   |         | 44.4   |  | 1        | -                 | 9      |

USAFETAC FOUN 0-26-5 (OL. A) REVISED MEVICUS EDITIONS OF THIS FOUN ARE OMSOUTH

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 21603 JUHNSTON ISLAND/PACIFIC IS 45-71
STATION NAME SEP 0300-0500 HOURS (L. S. Y. PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Poin (F) .9 3.1 .6 .318.447.3 4.2 .1 1.3 8.212.0 1.1 78 82/ 81 78 1200 1200 385 386 80/ 79 56 76/ 75 1.0 648 842 138 109 40 4d 74/ 73 72/ 71 604 726 70/ 69 224 68/ 67 66/ 65 64/ 63 23 .1 2.628.462.7 5.9 1707 1701 1704 1704 11 } No. Obs. Element (X) Zy, Mean No. of Hours with Temperature 1701 1707 1704 79.4 4.339 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 10753906 Rel. Hum. 135048 ± 0 F ± 32 F 90 90 9383982 79.1 1.125 90.0 89.9 90.0 81.7 Dry Bulb 135087 81.7

1701

126432

8859197

Wet Bulb

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| STATION               | <u>J(</u> | 1 <u>5 14H</u> | IJN I          | SLAI      | TATION N     | AME AME  | IÇ IŞ        |             | 45-7        | /1                |        | Υ.           | EARS   |             |              |              | - S             | EP            |
|-----------------------|-----------|----------------|----------------|-----------|--------------|----------|--------------|-------------|-------------|-------------------|--------|--------------|--|-------------|--------------|--------------|-----------------|---------------|
|                       |           |                |                |           |              |          |              |             |             |                   |        |              |  |             | PAGI         | E 1          | 0600<br>HOURS ( |               |
| Temp.                 |           | ,              |                |           |              |          |              |             | JRE DEPRES  |                   |        |              | ····   |             | TOTAL        |              | TOTAL           |               |
| (F)                   | 0         | 1 - 2          | 3 - 4          | 5 - 6     | 7 - 8        | 9 - 10   | 11 - 12      |             | 16 17 - 18  | 19 - 20 21 -      | 22 23  | - 24 25 - 26 | 5 27 - 28 2                                      | 9 30 31     | D.B. W.B.    | Dry Bulb     | Wet Bulb        | Dew Po        |
| 88/ 87<br>86/ 85      |           |                |                | Ì         | 1.           | J        | .            | • 1         |             |                   | !      |              | 1  |             | 1            | 1            |                 |               |
| 84/83                 |           | • 1            | .1             | 1.04      | 3.3          |          | 4            |             |             |                   |        |              | <del> </del>                                     |             | 96           | 96           |                 |               |
| 82/ 81                |           | ••             |                |           | 12.1         |          |              |             |             |                   |        |              | 1  |             | 538          | 538          |                 |               |
| 80/ 79                |           | . 4            | 10.0           | 34.       | 3.8          |          |              | <del></del> | -+          |                   | +      |              | +  |             | 872          | 675          |                 |               |
| 78/ 77                |           | 1.2            |                | 3.6       |              |          | -            |             |             |                   |        |              |  | 1           | 169          | 169          |                 |               |
| 76/ 75                | . 1       | ·              |                |           | 1            | 1        | _            |             |             |                   | $\top$ |              | T-1  |             | 19           | 19           | 815             |               |
| 74/ 73                |           | . 2            | . 1            | l <u></u> |              |          |              |             |             |                   |        |              |  |             | 4            | 4            |                 | 65            |
| 72/ 71                |           |                |                |           |              |          |              |             |             |                   |        |              |  |             |              |              | 66              |               |
| 70/69                 |           |                | ↓              | ļ         | ļ            | <u> </u> |              |             |             |                   | _      |              |  |             | ·            |              | 10              |               |
| 68/ 67                |           |                |                |           |              |          |              |             |             |                   |        |              |  | +           | 1 :          |              |                 | 2             |
| 06/ 65                |           | 5 A            | 172            | RA .      | 21.9         |          |              |             |             |                   |        | _            | <del>                                     </del> |             | <del>-</del> | 1704         |                 | 169           |
| UIAL                  | • 1       | ~ · •          | 7 , . 6        | (         | 76 T • 4     | 1        | 7            | - 1         |             | -                 | Ţ      |              |  |             | 1701         | 1104         | 1701            | 701           |
|                       |           | -              | <del> </del> - | 1         | ╄            |          | 1            |             |             |                   | -      |              | <del>                                     </del> |             | 1701         |              | 1701            |               |
|                       |           |                |                |           |              |          |              |             |             | Ì                 |        |              |  | ļ           | 1            |              |                 |               |
|                       |           |                | 1              |           | <del> </del> | 1        | <del> </del> |             |             |                   |        |              | <del>  </del>                                    |             | +            |              |                 |               |
|                       |           |                |                |           | 1            |          |              |             |             |                   |        |              |  | i           |              |              |                 |               |
|                       |           |                |                |           | 1            |          |              |             |             |                   |        |              |  |             |              |              |                 |               |
|                       |           |                | L              | !         | <u> </u>     | !        |              |             |             |                   |        |              |  |             | 1i           |              |                 |               |
|                       |           | i              |                | j         | ĺ            | 1        |              |             |             |                   |        |              |  |             |              |              |                 |               |
|                       |           | <del> </del>   |                | -         | <del></del>  | ·        |              |             |             |                   |        |              | 11   |             |              |              |                 |               |
| į                     |           |                |                | 1         |              |          |              |             |             |                   |        |              |  |             |              |              |                 |               |
| <del></del>           |           |                | +              |           | +            | +        | +            |             | -           |                   |        |              | +  |             | +            |              |                 |               |
|                       |           |                | 1              |           |              | 1        |              |             |             |                   |        | 1            |  |             | 1            |              |                 |               |
|                       |           |                | +              | +         | +            | +        | +            |             | <del></del> |                   | +      | _            | +  |             |              |              |                 |               |
|                       |           |                |                |           |              |          |              | İ           | }           |                   | -      |              |  |             |              |              |                 |               |
|                       |           |                | 1              | †         | 1            | 1        | T            |             |             |                   |        | -            | +  |             | 1            |              |                 |               |
|                       |           |                | 1              |           | 1            |          |              |             |             | ł                 |        |              |  |             | i            |              |                 |               |
|                       |           |                |                | 1         |              |          |              |             |             |                   |        |              | 1 1  |             | T            |              |                 |               |
|                       |           |                |                |           |              | <u> </u> |              |             | _           |                   |        |              |  |             |              |              |                 |               |
|                       |           |                |                |           |              |          |              |             |             |                   |        |              | I = I  |             |              |              |                 |               |
|                       |           |                |                | ļ         | <u> </u>     | Ц.,      |              | حليب        | 1           |                   |        |              | للبيل  |             |              |              |                 |               |
| Element (X)           |           | Z X 2          | 2044           |           | 2 X          | . 70     | 7 4          | *,          | No. Obs     |                   |        | T - 00 -     |  | of Hours wi |              | _            |                 | <del></del> . |
| Rel. Hum.<br>Dry Bulb |           |                | 2966           |           | 1313         |          | 77.4         | 5.316       | 169         |                   | 0 F    | ≤ 32 F       | ≥ 67 F   |             | > 80 F       | ≥ 93 F       | ·   - 1         | otal          |
| Wer Bulb              |           |                | 6414           |           | 1269         |          | 74.4         | 1.487       | 170         | <del>(7</del>   - |        | -            | 90.  |             |              |              |                 | 9             |
| Dew Point             |           |                | 2180           |           | 1229         |          | 72.4         | 1.723       | 169         | <del>(  </del>    |        | -            | 89.  |             |              | <del> </del> |                 | 9             |

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DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

216Q5 JOHNSTON ISLAND/PACIFIC IS 45-71 STATION NAME SEP 0900-1100 PAGE 1

|            |     |          |          |       |            |            |          |                |         |                          |         |            |         |         |         |         |          | PAGI        | •        | HOURS II | L. 5. T. |
|------------|-----|----------|----------|-------|------------|------------|----------|----------------|---------|--------------------------|---------|------------|---------|---------|---------|---------|----------|-------------|----------|----------|----------|
| Temp.      |     |          |          |       | ,          |            |          |                |         | E DEPRES                 |         |            |         |         |         |         |          | TOTAL       |          | TOTAL    |          |
| (F)        | 0   | 1 - 2    | 5 - 4    | 5 - 6 | 7 - 8      | 9 - 10     | 11 - 12  | 13 - 14        | 15 - 16 | 5 17 - 18                | 19 - 20 | 21 - 22    | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31     | D.B. W.B.   | Dry Bulb | Wet Bulb | Dew f    |
| 90/89      |     |          |          |       |            | . 1        |          |                |         |                          |         |            |         |         |         |         |          | 1           | 1        |          |          |
| 88/ 87     |     |          |          | • 1   | 6          |            |          |                |         |                          |         |            |         |         |         |         | <u> </u> | . 35        | 35       |          |          |
| 86/ 85     |     |          | .1       | .7    |            | 11.5       |          |                |         |                          |         |            |         |         |         |         |          | 349         | 349      |          |          |
| 84/ 83     |     |          | . 5      | 9.7   | 24.4       | 9.5        | . 2      | 2              |         |                          |         |            |         | ļļ      |         |         |          | 761         | 761      |          |          |
| 82/ 81     |     | • 1      | 1.6      | 11.4  | 11.7       | 1.1        | L • 1    | L I            |         | T                        |         |            |         |         |         |         | T        | 443         | 444      | 4        |          |
| 80/ 79     |     | . 3      | 1.9      | 2.3   | • 1        | 1          | L        |                |         | 1 1                      |         |            |         |         |         |         |          | 80          | 82       |          | 1        |
| 78/ 77     |     | .4       | . 9      | • 1   | . 1        |            |          |                |         |                          |         |            |         |         |         |         |          | 25          | 25       | 491      |          |
| 76/ 75     |     | . 4      |          |       |            |            | <u> </u> |                |         | 1                        |         |            |         |         |         |         |          | 10          | 10       |          |          |
| 74/ 73     | - 1 | . 1      |          |       |            | ĺ          |          |                |         |                          |         |            |         |         |         |         |          | 3           | 3        | 186      |          |
| 72/ 71     |     |          |          |       |            |            |          |                |         |                          |         | ]          |         |         |         |         | !        |             |          | 14       |          |
| 70/ 69     |     | 1        |          | l     |            |            |          |                |         |                          |         |            |         |         |         |         |          | Ĭ           |          | 3        |          |
| 68/ 67     |     |          | i        |       | <u> </u>   |            | <u> </u> |                |         |                          |         |            |         |         |         |         |          |             |          |          |          |
| 66/ 65     |     |          |          |       | <b>.</b> . | l          | 1        | ] ]            |         |                          |         |            |         |         |         | -       |          |             |          |          |          |
| ITAL       | . 1 | 1.3      | 5.3      | 24.3  | 44.8       | 23.3       | . 8      | • 1            |         | 1 1                      |         |            |         |         |         |         | 1        |             | 1710     |          | 1        |
|            |     |          | i        | j     | 1          |            |          |                |         |                          |         |            |         |         | [       |         | 1        | 1707        |          | 1707     |          |
|            |     |          |          | ļ     |            |            |          |                |         |                          |         |            |         |         |         |         |          |             |          |          | <u> </u> |
|            |     |          |          |       |            |            |          |                |         |                          |         |            |         |         |         |         |          |             |          | -        |          |
|            |     | <u> </u> |          |       |            |            | ļ        |                |         |                          |         |            |         |         |         |         |          | l i         |          |          |          |
|            |     |          |          |       | İ          |            |          |                |         |                          |         |            |         | į       | ĺ       |         | 1        |             |          |          |          |
|            |     |          |          |       |            | <u> </u>   | <u> </u> | ļ              |         |                          |         | <b>↓</b> ↓ |         |         |         |         | <u> </u> |             |          |          |          |
|            |     |          |          |       |            | l          | İ        |                |         |                          |         |            | - 1     |         | ļ       |         |          |             |          | 1        |          |
|            |     |          |          |       |            |            | <u> </u> |                |         |                          |         |            |         |         |         |         | <u> </u> |             |          |          |          |
|            |     | j l      |          |       | i          | ļ          | 1        |                |         |                          |         |            |         |         | 1       |         |          |             |          |          | ĺ        |
|            |     |          |          | ļ     | ļ          |            | <u> </u> | <u></u>        |         |                          |         |            |         |         |         |         | L        |             |          |          |          |
|            |     |          |          |       |            | ļ          | ł        |                |         | 1 1                      |         |            | ,       |         |         |         | İ        |             |          | į        | l        |
|            |     |          |          |       | ļ          | ļ          | <u> </u> | 1              |         |                          |         |            |         |         |         |         | <u> </u> |             |          |          | i<br>    |
| Ì          |     |          |          |       |            |            | }        |                |         | 1 1                      |         |            |         |         |         |         |          |             |          |          |          |
|            |     | ļ        |          |       | ļ          | <b>∟</b> _ | <u> </u> | $\sqcup$       |         | $\perp$                  |         |            |         |         |         |         | ļ        |             |          |          | ļ        |
|            |     |          |          |       |            |            |          |                |         |                          |         |            |         | ĺ       | ļ       |         |          |             |          |          |          |
|            |     | 1        |          |       |            |            | <u> </u> | <b> </b>       |         |                          |         |            |         |         |         |         | L        | <u> </u>    |          |          |          |
|            |     |          |          |       |            |            | 1        |                |         |                          |         |            |         |         | - 1     |         | 1        |             |          |          |          |
|            |     | <b> </b> | <u> </u> |       | ļ          | ļ          | <u> </u> | $\sqcup$       |         | $\perp \perp \downarrow$ |         |            |         |         |         |         | <u> </u> |             |          |          | L        |
|            |     |          |          |       |            |            |          | [ [            |         |                          |         |            | 1       | i       | ĺ       |         | 1        | 1 1         | ĺ        | l        | ł        |
| lement (X) |     | ΣX'      |          |       | z x        | <u> </u>   | X        | σ <sub>g</sub> |         | No. Obs                  | 1       |            |         |         | Mago N  | of H    | OUTS WIS | h Temperatu |          |          |          |
| lel. Hum.  |     |          | 0369     |       | 1225       | 74         |          | 6.0            | A 7     | 170                      |         | ± 0 F      | :   -   | 32 F    | e 67 €  |         | 73 F     | > 80 F      | ≥ 93 F   | ,        | Tatal    |
| ry Bulb    |     | 1183     |          |       | 1422       |            |          | 1.8            |         | 17                       |         | 2 U F      | +       | 32 F    | 90      |         | 90.0     |             |          |          | . 2791   |
| Vet Bulb   |     |          | 0972     |       | 1296       |            | 76.0     |                |         | 170                      | 4       |            | +       | +       | 90.     |         | 89.1     |             |          | -+       |          |
| Dew Point  |     |          |          |       | 1244       |            |          |                |         |                          |         |            | -       |         |         |         |          |             |          | -+       |          |
| DEW FOINT  |     | 710      | 1639     |       | 1677       | 73         | 73.1     | 1.8            | 74      | 170                      | 79      |            |         |         | 89,     |         | 53.2     |             | 1        |          |          |

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

21603 JOHNSTON ISLANU/PACIFIC IS 45-71 SEP PAGE 1

1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL

TOTAL Temp. 92/ 91 . 2 90/ 69 88/ 87 1 1.3 6.0 1.4 1.512.920.6 2.2 6.221.1 8.4 .5 5.2 5.0 .5 155 155 635 632 86/ 85 632 83 82/ 81 204 204 115 39 78/ 77 591 80 76/ 75 839 322 643 74/ 73 145 72/ 71 540 70/ 69 97 68/ 67 66/ 65 TOTAL 13 1706 .1 1.0 3.413.941.135.8 4.5 1709 1709 1709 Element (X) Mean No. of Hours with Temperature 118945 1706 ≥ 67 F ≥ 73 F ≥ 80 F Rel. Hum. 8356053 ≤ 0 F 12138174 84.3 1.993 76.3 1.514 73.2 1.954 90.0 \$8.1 89.6 1.9 55.6 .1 Dry Bulb 143988 1709 90.0 130412 90.0 Wet Bulb 1709 90 1706 90

0-26-5 (OL A) 1 13

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC 21603 STATION JOHNSTIIN ISLAND/PACIFIC IS

### **PSYCHROMETRIC SUMMARY**

SEP

| 3171108     |   |  |                   |  | TATION I     | <del>-</del> |              |  |             |  |               |           |             |              | LARS         |                |              | PAG          | E 1      | 1500        |        |
|-------------|---|--|-------------------|--|--------------|--------------|--------------|--|-------------|--|---------------|-----------|-------------|--------------|--------------|----------------|--------------|--------------|----------|-------------|--------|
|             |   |  |                   |  |              |              |              |  |             |  |               |           |             |              |              |                |              |              |          | HOURS       |        |
| Temp.       |   |  | ,                 |  |              |              |              |  |             | DEPRES   |               |           |             | ,            | τ-           | ,              |              | TOTAL        |          | TOTAL       |        |
| (F)         | 0 | 1 - 2  | 3 - 4             | 5 - 6  | 7 - 8        | 9 - 10       | 11 - 12      |  | 15 - 16     | 17 - 18  | 19 - 20       | 21 - 22   | 23 - 24     | 25 - 26      | 27 - 2       | 29 - 3         | 0 31         | D.B. W.B.    | Dry Bulb | Wet Bulb.   | Dew Pa |
| 2/ 91       |   |  |                   | i  |              | 1            | 1 _          | 1  |             | 1 1  |               |           |             |              | !            | 1              |              | . 1          | 1        |             |        |
| 0/89        |   | <u> </u>   | <br>  <del></del> | <u> </u>   | 1 .1         | <u> </u>     | • 2          |  |             | ļ <u>.</u>                                       |               |           |             |              | <u> </u>     | !              |              | 4            | 4        |             |        |
| 88/ 87      |   |  |                   | • 1  |              | 1.9          | . 8          |  |             |  |               |           |             | İ            | 1            |                |              | 52           |          | i           |        |
| 86/ 85      |   | <u> </u>   |                   |  |              | 8.5          |              |  |             | -  |               |           |             | L            | <u> </u>     | · - ·          | 4            | 281          |          |             |        |
| 84/ 83      |   | • 1  |                   | 7.0  |              |              |              | 1  |             | 1 1  |               |           |             | ĺ            |              |                |              | 632          |          |             |        |
| 82/ 81      |   |  | 1.0               | 14.4   | 13.3         | 1.6          |              |  |             |  |               |           |             | <u> </u>     | <del> </del> | <del> </del>   |              | 575          |          |             |        |
| 80/ 79      |   | .2   |                   | 4.1  |              | . • 1        | 1            | 1 1  |             | 1 1  |               |           |             | ł            | ł            | 1              |              | 131          |          |             |        |
| 78/ 77      |   | . 4  | . 8               |  |              | <b>!</b>     | <b>├</b>     |  |             | <del>├</del> ──┼                                 |               |           |             |              | -            | -              | <del></del>  | 24           |          | 440         | 4      |
| 76/ 75      |   | .2   | .1                | • 1  | ·}           | 1            | 1            | 1 1  |             |  |               |           |             |              | ]            | 1              |              | 8            |          | 920         |        |
| 74/ 73      |   | <del> </del>                                     |                   | <b></b> -  | <del> </del> | <b>├</b> ──  | <b>-</b>     | -  |             |  |               |           |             |              | <b>├</b>     | <del> </del>   | <del></del>  |              | i        | 273         | _ 66   |
| 72/ 71      |   |  |                   | ]  | }            |              | ļ            | ) 1  |             |  |               |           |             |              |              |                | 1            | i            | i        | 27          | 55     |
| 10/ 69      |   | <b>↓</b>   |                   | <b>-</b>   |              | -            | -            | <del>  </del>                                    |             |  |               |           |             | <b></b>      |              |                | <del></del>  | ·            |          | 1           | 12     |
| 68/ 67      |   | 1  |                   | 1  |              | ]            | ]            |  |             | l i  |               |           |             | ì            |              | !              |              | 1            |          |             | 1      |
| 66/ 65      |   |  | 8 3               | 24 0   |              | 20.0         |              |  |             | <b>├</b>   |               |           |             |              |              | 1              | <b>-</b>     | ÷            |          |             | 2      |
| TAL         |   | 0  | ٥.٥               | 20.9   | 7-3.3        | 20.0         | 1.4          | • 1  |             | 1  |               |           |             | 1            |              | :              |              |              | 1708     |             | 170    |
|             |   |  |                   |  |              | <del> </del> | ļ            | <del></del>                                      |             |  |               |           |             | <u> </u>     | <del></del>  | <b>-</b>       |              | 1708         | ·        | 1708        |        |
|             |   | ;  |                   |  | ì            | 1            |              | 1 1  |             |  |               |           |             |              | 1            |                | :            |              | ı        |             |        |
| <del></del> |   | ·  |                   | <del> </del>                                     |              |              | ļ            |  |             | <del> </del>                                     |               |           |             |              | —            | <del> </del>   | +            | <del></del>  |          |             |        |
| i           |   |  |                   | 1  | i i          |              | -            | 1 1  |             | 1  |               |           |             |              |              | Ì              |              |              |          |             |        |
| <del></del> |   |  |                   | •  |              | <del>-</del> | <del></del>  | <del>  </del>                                    |             |  |               |           |             |              | <b>├</b>     | <del> </del> - |              | <del> </del> |          |             |        |
|             |   |  |                   | 1  | i            | :            |              | 1  |             | 1 1  |               | ĺ         |             |              | ĺ            | Ì              | 1            | 1            |          |             |        |
| ·           |   |  |                   | +  |              | ·            | i            | <del>                                     </del> |             |  |               |           |             | <del></del>  | ₩-           | <del> </del>   | +            | <u> </u>     |          | i           |        |
|             |   | İ  |                   | !  | 1            |              | 1            | 1  |             |  |               | 1         |             | ì            | 1            | 1              | 1            | f            |          | ı           |        |
|             |   | +  | L                 | ·  | <del> </del> | ·            | +            |  |             |  | <del></del> - |           |             | <del> </del> |              |                | +-           | <del></del>  | <b></b>  |             |        |
| i           |   | 1  |                   |  | 1            |              | ŀ            |  |             |  |               |           |             | 1            | 1            |                |              | }            | }        | '           |        |
|             |   | +  |                   | +  | ł            |              |              | <del>  </del>                                    |             |  |               |           |             | <b>├</b>     | <b>├</b>     | -              |              | <del> </del> |          |             |        |
| 1           |   |  |                   |  | 1            | 1            | 1            |  |             |  |               |           |             |              | 1            |                |              |              |          | 1           |        |
|             |   |  |                   | <del></del>                                      | <del> </del> | <b></b>      | <del></del>  | <del></del>                                      |             |  |               |           |             | <b></b> -    | ├            | ┼—             |              | <del> </del> |          |             |        |
|             |   |  |                   | 1  |              |              |              |  |             |  |               |           |             |              |              | 1              |              |              |          | 1           |        |
|             |   | +  |                   | i  |              | <del> </del> | <del> </del> | 1  |             | <del>                                     </del> |               |           |             | ├            | ↓—.          | -              | +            | <del></del>  | <b></b>  |             |        |
|             |   | '  |                   |  |              |              | 1            |  |             |  |               |           |             |              |              | 1              |              |              |          | 1           |        |
|             |   | <del>                                     </del> |                   | <del> </del>                                     | <del> </del> | <del> </del> | +            | <del>                                     </del> |             | <del>                                     </del> |               |           |             | -            | <del> </del> | <del> </del>   | <del> </del> | <del> </del> |          |             |        |
|             |   |  |                   |  |              |              |              |  |             |  |               |           |             |              |              |                | 1            | 1            |          |             |        |
| lement (X)  |   | Z H 2  |                   | <del>                                     </del> | Ex           | <del></del>  | X            | · ·  | <del></del> | No. Obs  | . 7           | <u></u> i | <del></del> | <u> </u>     | Mega         | No. of         | Hours mi     | h Tempera    | ure      |             |        |
| el. Hum.    |   |  | 8490              |  | 1221         | 4.6          |              | 5.7  |             | 170  | 1             | ± 0 I     | :   .       | ≤ 32 F       | ≥ 6          |                | ≥ 73 F       | ≥ 80 F       | 2 93 9   | T           | otal   |
| ry Bulb     |   | 1174   |                   |  | 141          |              |              | 2.0  |             | 170  |               |           | -           |              |              | ) · a          | 90.6         |              |          | <del></del> | 1      |
| Vet Bulb    |   |  | 4920              |  | 129          |              | 73.1         | į.š  | <u> </u>    | 170  |               |           | +           |              |              | 5.8            | 11           |              |          |             | —i     |
|             |   | 906  |                   |  |              | 20           | 72.1         |  | I           |  |               |           | 1           |              |              |                |              |              | * 1      |             |        |

DATA PRUCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

| 21603 | JOHNSTON | ISLAND/PACIFIC | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME | STATION NAME

| Temp.                |   |          |             |              |         | WET    | BULB    | TEMPE  | RATUR    | E DEPRES | SION (f | •)        |          |         |         |               |             | TOTAL     |               | TOTAL        |        |
|----------------------|---|----------|-------------|--------------|---------|--------|---------|--|----------|----------|---------|-----------|----------|---------|---------|---------------|-------------|-----------|---------------|--------------|--------|
| (F)                  | 0 | 1 - 2    | 3 - 4       | 5 - 6        | 7 - 8   | 9 - 10 | 11 - 12 | 13 - 14  | 15 - 16  | 17 - 18  | 19 - 20 | 21 - 22 2 | 3 - 24 2 | 25 - 26 | 27 - 28 | 29 - 30       | e 31        | D.B. W.B. | Dry Bulb      | Wer Bulb     | Dew Po |
| 88/ 87               |   |          |             | 1            |         |        |         |  |          | 1        |         |           |          |         |         | -             |             | 1         | 1             |              |        |
| 86/ 85               |   |          |             |              | . 1     | . 5    |         | 1  | 1        | 1 1      | İ       |           |          |         | - 1     | -             | į.          | 11        | 11            |              |        |
| 84/ 83               |   | 1        | . 1         | . 8          | 2.3     | .7     |         | -  | <b></b>  | 1        |         |           |          |         |         |               | <del></del> | 65        | 65            |              |        |
| 82/ 81               |   | . 2      | 3.7         | 27.9         | 2.3     | . 2    |         | ì  | 1        | 1        | 1       |           | - 1      |         |         | i             |             | 766       | 766           | 1            |        |
| 80/ 79               |   | 5        | 8.9         | 28.1         | 7.7     | . 7    | -       | <del>                                     </del> | 1        |          |         |           |          |         |         |               | i           | 785       | 785           | 7            |        |
| 76/ 77               |   | . 9      | 2.0         | 1.0          | i I     |        | i       | !  | !        |          |         |           |          |         | -       | 1             |             | 68        | 68            | 156          | 2      |
| 76/ 75               |   | .6       | . 2         | •1           |         |        |         |  | 1        |          |         |           |          |         |         |               |             | 14        | 14            | 894          | 15     |
| 74/ 73               |   | )        |             | 1            | ]       |        |         | į.   | Ì        |          | ì       |           |          |         | 1       |               |             | i         | - 1           | 596          | 74     |
| 72/ 71               |   |          |             |              |         |        |         | 1  |          |          |         |           |          |         |         |               |             |           | +             | 49           | 59     |
| 70/ 69               |   |          |             | i            |         |        |         | ł  |          | 1 1      |         | 1         |          |         | -       |               | i           | ļ         | ,             | 6            | 16     |
| 68/ 67               |   |          |             |              |         |        |         |  |          |          |         |           |          |         |         |               |             |           |               |              | 1      |
| 66/ 65               |   |          |             |              |         |        |         |  |          |          |         | i_        |          |         |         |               |             | į         |               | į            |        |
| 64/ 63               |   |          |             |              |         |        |         |  |          |          |         |           |          |         |         |               |             |           |               |              |        |
| TOTAL                |   | 2.2      | 14.9        | 57.8         | 22.9    | 2.0    | • 1     |  | Լ        |          |         |           |          |         | i       |               |             | i         | 1710          | į            | 170    |
|                      |   |          | _           | 1            | , I     |        |         |  |          |          |         |           |          |         |         |               | i           | 1710      |               | 1710         |        |
|                      |   |          |             |              |         |        |         |  |          |          |         |           |          |         | }       |               | i           | 1         |               |              |        |
|                      |   |          |             |              |         |        |         |  |          |          |         | T         |          |         |         |               |             |           |               |              |        |
|                      |   |          |             |              |         |        |         |  | 1        |          |         |           |          |         | 1       |               | _ 1         |           |               |              |        |
|                      |   |          |             | }            |         |        |         |  |          | 7 ]      |         | T i       |          |         |         |               |             |           |               | -            |        |
|                      |   | ļ.,      |             |              |         |        |         | L  |          |          |         |           |          |         |         |               | i           |           |               |              |        |
| _                    |   |          |             | 1            |         |        |         |  |          |          |         |           |          |         |         |               |             |           | i             |              |        |
|                      |   |          |             |              |         |        |         | 1  |          |          |         |           |          |         | j       |               |             |           |               | \            |        |
| ļ                    |   | 1        |             |              |         |        |         | Ì  | -        |          | 1       |           |          |         |         |               |             |           |               |              |        |
|                      |   | L        |             |              |         |        | L       | <u> </u>   |          |          |         |           |          |         |         |               |             |           |               |              |        |
| 1                    |   |          |             |              |         |        |         |  | 1        |          |         |           |          |         |         |               |             | 1         |               | i            |        |
|                      |   |          |             |              |         |        |         |  | <u> </u> | 11       | 1       |           |          |         |         | 1             |             |           |               | }            |        |
|                      |   | } ;      |             |              |         |        |         | İ  |          |          |         |           | - 1      |         |         |               |             |           |               |              |        |
|                      |   |          |             |              |         |        |         |  | 1        | 1        |         |           |          |         |         |               |             |           |               | i            |        |
|                      |   |          |             |              | [       |        |         |  |          | 1        | [       | L         |          |         |         | T             |             |           |               |              |        |
|                      |   | ļ        |             |              |         |        |         | <u> </u>   | ļ.,_     |          |         |           |          |         |         |               |             |           |               |              |        |
|                      |   |          |             |              |         |        |         | -  |          |          |         | T         |          |         | T       | T             |             | Ţ         | 7             | T            |        |
|                      |   | ļ        | L           |              |         |        |         |  |          |          |         |           |          |         |         |               |             |           |               |              |        |
|                      |   |          |             |              | ] [     |        |         |  |          |          | 1       |           |          |         | T       | Ţ             | T           |           |               |              |        |
|                      |   | <u> </u> |             |              | لـــــا |        | Ļ       |  | 1        | لمسل     |         | l         |          |         |         |               |             |           |               |              |        |
| Element (X)          |   | Σχ'      | 74          |              | 2 x     |        | X       | •  |          | No. Obs  |         |           | · ·      |         |         | $\overline{}$ |             | Temperatu | $\overline{}$ | <del></del>  |        |
|                      |   | 1015     | 7003        | <del> </del> | 1314    | 03     |         | 4.   |          | 170      | 17-     | * 0 F     | + ::     | 32 F    | ≥ 67 1  | -             | 3 F         | ≥ 80 F    | ≥ 93 F        | <del>-</del> | otal   |
| Dry Bulb<br>Wet Bulb |   | 1109     |             |              | 1377    |        |         | 1.   |          | 17       |         |           | +        |         | 90      | 9 9           | 0. q        | 76.       |               |              | 9      |
|                      |   |          | 6807        |              | 1280    |        |         | 1.   |          | 171      | 10      |           |          |         | 90.     |               | 7.1         |           | <b>4</b>      |              | - 9    |
| Dew Point            |   | 979      | <u>9992</u> | L            | 1239    | 12     | 72.0    | <u>•</u>   | 739      | 170      | 27      |           |          |         | 89,     | 7 4           | 1.6         |           |               |              | 9      |

C FORM 0-26-5 (OLA) senses nevous (entitles or

USAFETAC FORM

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

21603 JUHNSTON ISLAND/PACIFIC IS

PAGE 1 2100-2300

| Temp.       |     |       |                |              |              | WET          | BULB 1       | TEMPER  | ATUR             | DEPRE         | SSION         | (F)       |                   |         |             |         |            | TOTAL  |          | TOTAL       |        |
|-------------|-----|-------|----------------|--------------|--------------|--------------|--------------|---------|------------------|---------------|---------------|-----------|-------------------|---------|-------------|---------|------------|--|----------|-------------|--------|
| (F)         | 0   | 1 - 2 | 3 - 4          | 5 - 6        | 7 - 8        | 9 - 10       | 11 - 12      | 13 - 14 | 15 - 16          | 17 - 18       | 19 - 20       | 21 - 22 2 | 23 - 24           | 25 - 26 | 27 - 28     | 29 . 3  | 2 21       | D.B. W.B.  | Dry Bulb | Wet Bulb    | Dew Po |
| 84/ 83      |     |       |                | • )          | . 4          | • 1          |              |         |                  |               |               |           |                   |         |             |         |            | 9  | 9        |             |        |
| 82/ 81      |     |       | 2.9            | 920.8        | 5.0          |              |              | ļ.,     |                  | ) j           |               |           |                   |         |             |         |            | 492  | 492      |             |        |
| 80/ 79      |     | . 8   | 13.            | 142.3        | 5.4          | . 6          |              |         |                  |               |               |           |                   |         |             |         |            |  | 1062     |             |        |
| 78/ 77      |     | 1.2   | 3.             | 2.7          | . 2          |              |              |         |                  |               |               |           |                   |         |             |         | :          | 136  |          |             | _1     |
| 76/ 75      | - 1 |       |                |              |              |              |              |         |                  |               |               |           |                   |         |             |         |            | 9  | 9        | 876         | 15     |
| 74/ 73      |     |       |                |              | 1            |              |              |         |                  |               |               |           |                   |         |             |         |            |  |          | 664         | 75     |
| 72/ 71      | _   |       |                | 1            | )            |              |              |         |                  |               |               | , ,       |                   |         |             |         |            |  |          | 54          | 60     |
| 70/ 69      |     |       |                |              |              |              |              |         |                  |               |               | <u> </u>  |                   |         |             |         |            |  |          | _ 8         |        |
| 68/ 67      |     |       |                |              |              |              |              |         |                  |               |               |           |                   |         |             |         |            |  |          |             | 1      |
| 66/ 65      |     |       |                | 1            | L            |              |              |         |                  |               |               |           |                   |         |             |         |            |  |          |             |        |
| TOTAL       | . 1 | 2.2   | 20,0           | 065.9        | 11.1         | - 8          | <b>I</b>     |         |                  |               |               | 1 1       |                   |         |             |         |            |  | 1708     |             | 170    |
|             |     |       |                |              |              |              |              |         |                  |               |               |           |                   |         |             |         |            | 1708   |          | 1708        |        |
|             |     |       | İ              | l            |              |              |              | ·       | ĺ                |               |               |           | İ                 |         |             |         |            |  |          | i           |        |
|             |     |       |                |              | ļ            |              | <u> </u>     |         |                  |               |               | L         |                   |         |             |         | <u> </u>   |  |          |             |        |
|             | ĺ   |       |                |              | 1            | ĺ            | [ [          |         |                  | ĺĺ            |               | 1 1       | - 1               |         |             |         | }          |  |          |             |        |
|             |     |       | l              |              | ļ            | ļ            | <b>-</b>     | -       |                  | $\downarrow$  |               | <u> </u>  |                   |         |             |         | <u> </u>   |  |          | ·           |        |
| i           | 1   |       |                | 1            |              |              |              |         | }                | 1 1           |               |           |                   |         |             |         |            |  |          | :           |        |
|             |     |       | ļ              | <del> </del> | l            | -            | ļ            |         |                  | <del>  </del> |               | L         |                   |         |             |         | -          |  |          |             |        |
|             | i   |       | İ              | į            | 1            |              |              |         |                  | 1 1           |               |           |                   |         |             |         |            |  |          | . 1         |        |
|             |     |       |                |              | <del> </del> | ļ            |              |         |                  | 1             |               | $\vdash$  |                   |         |             |         | 1          |  |          |             |        |
| -           | i   |       |                |              | İ            | ļ            |              |         |                  | }             |               |           |                   |         |             |         |            |  |          |             |        |
| -           |     |       |                | -            | <b></b>      |              |              |         |                  | 4             |               | <b></b>   |                   |         |             |         |            |  |          | <u> </u>    |        |
| 1           | 1   |       | i<br>I         |              |              | 1            |              |         |                  |               |               | 1         |                   |         |             |         |            |  |          |             |        |
| <del></del> |     |       | <del> </del> - | <del>-</del> |              | ļ            | <del> </del> |         |                  | +             |               |           |                   |         |             |         | +          |  |          |             |        |
| ł           | 1   |       |                |              |              | -            | 1            |         |                  |               |               | 1 1       |                   |         | ĺ           |         |            |  | 1        | i           |        |
|             |     |       |                | <del> </del> | -            | <del> </del> |              |         |                  | -             |               |           |                   |         |             |         | +          |  |          |             |        |
| i           |     |       |                |              |              | 1            | 1            |         |                  | 1 1           |               | 1 1       | - 1               |         |             |         | 1          |  |          |             |        |
|             |     |       |                | <del> </del> | <del> </del> |              |              |         |                  | +             |               |           |                   |         |             |         | -          |  |          |             |        |
|             | ļ   |       |                | 1            |              | İ            |              |         |                  |               |               |           | 1                 |         | 1           |         |            |  |          |             |        |
| +           |     |       |                | +            | <del></del>  |              |              | -       |                  | +             |               |           | $\longrightarrow$ |         |             |         | +          |  |          |             |        |
|             |     |       |                | 1            |              | 1            |              |         |                  | į į           |               |           |                   |         | ļ           |         |            |  |          |             |        |
|             |     |       |                | <del> </del> | ├──          |              | <del> </del> |         |                  | +             |               |           |                   |         | <del></del> |         | +          | <del>                                     </del> |          |             |        |
| 1           |     |       |                |              |              | İ            |              |         |                  | i             |               |           |                   |         |             |         |            |  |          |             |        |
| Element (X) |     | Zx'   |                | +            | ZX           | <del></del>  | X .          |         | <del>- , -</del> | No. Ob        | s. J          |           |                   |         | Mean N      | o. of t | fours with | Temperat   | ure      |             |        |
| Rel. Hum.   |     | 1050  | 0559           |              | 1335         | 87           | 78.4         |         |                  | 17            |               | ± 0 F     | -                 | 32 F    | ≥ 67        |         | ≥ 73 F     | ≥ 80 F   | ≥ 93 F   | : Т         | Total  |
| Dry Bulb    |     | 1092  | 256            | 2            | 1365         | 74           | 80.0         | 1.0     | 60               | 17            | 08            |           | _                 |         | 90          |         | 90.0       |  |          |             | •      |
| Wet Bulb    |     |       | 207            |              | 1279         | 70           | 74.7         | 1.2     | 61               | 17            | 08            |           | $\top$            |         | 90          |         | 86.7       |  | 7        | -           | 9      |
| Dew Point   |     |       | 187            |              | 1237         |              | 72.6         | 1 4     | 84               | 17            | <del></del> 1 |           |                   |         | 89          |         | 49.0       |  | +        | <del></del> | 9      |

DATA PROCESSING BRANCH USAF ETAC AIR REATMER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

| 21603            | <u>J()</u>      | HNST         | ON I     | SLAN   | O/FA          | CIFI   | CIS     |           |         | 45-7   | 1      |  |  |        |                 |        |                |                |               | O        | CT               |
|------------------|-----------------|--------------|----------|--|---------------|--------|---------|-----------|---------|--|--------|--|--|--------|-----------------|--------|----------------|----------------|---------------|----------|------------------|
| STATION          |                 |              |          | s  | FATION N      | AME    |         |           |         |  |        |  |  | YE     | ARS             |        |                | 0.4.0          | E 1           |          |                  |
|                  |                 |              |          |  |               |        |         |           |         |  |        |  |  |        |                 |        |                | PAU            | E             | HOURS (  | -020<br>L. 5. T. |
| Temp.            |                 |              |          | ,  |               |        |         |           |         | E DEPRES   |        |  |  |        |                 |        |                | TOTAL          |               | TOTAL    |                  |
| (F)              | 0               | 1 - 2        | 3 · 4    | 5 - 6  | 7 - 8         | 9 - 10 | 11 - 12 | 13 - 14 1 | 15 - 16 | 5 17 - 18 1                                      | 9 - 20 | 21 - 22  | 23 - 24 2  | 5 - 26 | 27 - 28         | 29 . 3 | 0 + 31         | D.B. W.B.      | Dry Bulb      | Wet Bulb | Dew Po           |
| 84/ 83           |                 |              |          |  | . 2           |        |         |           |         | 1 1  |        |  | - (  |        |                 |        |                | . 3            | 3             |          |                  |
| 82/ 81           |                 |              | 1.8      | 5.8  | 1.5           |        |         |           |         |  |        | <del></del>                                      | -+   |        |                 |        |                | 159            |               |          |                  |
| 80/ 79<br>78/ 77 |                 | ٠,0          | 12.3     | 7.8  | 5.7           | • 2    |         |           |         |  |        |  | ı  |        |                 |        |                | 1115           |               |          |                  |
| 76/ 75           | . 3             |              |          |  |               |        |         |           |         | <del></del>                                      |        |  |  |        |                 |        | - <del>-</del> | 409            |               |          | 15               |
| 74/ 73           | _,1             | 4            |          |  |               |        |         | 1         |         |  |        |  | 1  |        |                 |        | 1              | 13             |               |          |                  |
| 72/ 71           |                 | _ <u>-</u> - |          |  |               |        |         |           |         | <del>                                     </del> |        |  |  |        |                 |        | +              |                | 1 13          | 161      |                  |
| 70/ 69           |                 |              |          | }  |               |        | 1       |           |         | 1 1  |        |  | 1  |        |                 | l      |                | 1              |               | 15       |                  |
| 68/ 67           |                 |              |          |  |               |        |         |           |         |  |        |  |  |        |                 |        |                |                |               |          | 4                |
| 66/ 65           |                 |              |          |  |               |        |         |           |         |  |        |  |  |        |                 |        | 1              |                |               |          | _ (              |
| TETAL            | . 3             | 5.2          | 32.9     | 53.1   | 8.3           | ٠2     | ' I     |           |         | 1 1  |        |  |  |        |                 |        |                |                | 1767          |          | 176              |
|                  |                 |              | ļ——      | <b></b>  |               |        |         |           |         |  |        | <b>-</b>   |  |        |                 |        | <u>.</u>       | 1767           | <u> </u>      | 1767     |                  |
|                  |                 |              |          |  | ,             |        |         | 1         |         |  |        |  | - 1  |        |                 |        |                |                | 1             |          |                  |
|                  | $ \downarrow$   |              |          |  |               |        |         |           |         | <del></del>                                      |        | ·  |  |        |                 |        |                | <del> </del>   |               | i        |                  |
|                  |                 |              | ĺ        |  |               |        | i       | - 1       |         |  |        |  | 1  |        |                 |        | İ              |                | i             |          |                  |
|                  |                 |              | <u> </u> |  |               |        |         |           |         | ++   |        |  |  |        |                 |        | +              | <del> </del>   | <del></del> - |          |                  |
|                  |                 |              | Ì        | ]  |               |        | -       | 1         |         |  |        |  | ł  |        |                 |        | İ              | 1              |               | i        |                  |
|                  |                 |              |          |  |               |        |         |           |         | 1  |        |  |  |        |                 |        | 1              |                |               |          |                  |
|                  |                 |              |          | ii   |               |        |         | 1.        |         | ]  |        |  | ĺ  |        |                 |        |                |                | ] :           | į        |                  |
| i                | 1               |              |          |  | l l           |        | Ţ       |           |         |  |        |  |  |        |                 |        |                |                |               |          |                  |
|                  |                 |              |          | i  |               |        |         |           |         | 1_1  |        |  |  |        |                 |        |                | ļ              |               |          |                  |
| 1                |                 |              |          | !  | 1             |        | 1       |           |         | 1  |        |  | 1  |        |                 |        | 1              | }              |               | İ        |                  |
| <del></del>      | $- \rightarrow$ |              |          |  |               |        |         |           |         | +  |        |  |  |        |                 |        |                | <del> </del> _ |               |          |                  |
|                  | ĺ               |              |          |  |               | i      | ļ       |           |         |  |        |  |  |        |                 |        | 1              |                |               | 1        |                  |
|                  |                 |              |          |  | <del>  </del> |        |         |           |         | ++   |        | <del>                                     </del> |  |        |                 |        | <del></del>    | <del> </del>   |               |          |                  |
|                  |                 |              |          |  |               | ļ      |         |           |         | 1  |        |  | 1  |        | 1               |        |                | 1              | ) i           |          |                  |
|                  |                 |              |          |  |               |        |         |           |         | 1-1-   |        | 1  | -+   |        |                 |        | +              | <del> </del>   |               |          |                  |
|                  |                 |              |          |  |               | ]      |         |           |         | 1 [  |        |  | - }  |        |                 |        |                |                | j i<br>J l    |          |                  |
|                  |                 |              |          |  |               |        |         |           |         |  |        |  |  |        |                 |        | 1              |                |               |          |                  |
|                  |                 |              |          |  |               |        |         |           |         | 1  |        |  |  |        |                 |        |                |                |               |          |                  |
|                  |                 |              |          |  |               |        |         |           |         |  |        |  | (  |        | Ţ               |        |                |                |               |          |                  |
| Element (X)      |                 | Z x ²        |          |  | Z X           | لــــ  | Ř       |           | _       | No. Obs.   |        |  |  |        | Mana N          | 0 06 4 | 1              | h Tempera      | <u></u>       |          |                  |
| Rel. Hum.        |                 |              | 0634     |  | 1413          | 18     |         | 5.24      | 3       | 176  | 7      | 10F  | 1 . 3  | 2 =    | Mean N<br>≥ 67  |        | 10018 Wil      | + 1 empera     | - 93 F        |          | otal             |
| Dry Bulb         |                 |              | 6611     | <del>                                     </del> | 1397          | 53     | 79.1    | 1.33      |         | 176  |        |  | +  | -      | 93              |        |                | 39.            |               |          | 9                |
| Wet Bulb         |                 |              | 6455     |  | 1312          |        | 74.3    |           |         | 176  | 7      |  | +  |        | <del>- 13</del> |        | 63.            |                | 1             |          | 9:               |
| Dew Point        |                 |              | 3830     |  | 1277          |        | 72.3    | 1.80      |         | 176  | 7      |  | <del>                                     </del> |        | 92              |        | 45.0           |                |               |          | 9                |

M 0-26-5 (OL A) REVISED MEVIOUS EDITIONS OF THIS FO

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SAFETAC FORM

DATA PRICESSING BRANCH USAF ETAC AIR WEAT FER SERVICE/MAC

#### PSYCHROMETRIC SUMMARY

| 1603             | 111 | HN57  | (IN 1       | SLAN         | U/PA     | CIFI   | CIS            |           |        | 45=7]  |               |            |              | AR5  |               |        |            | 0(          | <u> </u> |
|------------------|-----|-------|-------------|--------------|----------|--------|----------------|-----------|--------|--|---------------|------------|--------------|--|---------------|--------|------------|-------------|----------|
| STATION          |     |       |             | 31           | ATTON NA | ME     |                |           |        |  |               |            | •            | LAND   |               | PAG    | E 1        | 0300        |          |
| Temp.            |     |       |             | -            |          | WET    | BULB T         | EMPERA    | TURE   | DEPRESSI   | ON (F         | ')         |              |  |               | TOTAL  |            | TOTAL       |          |
| (F)              | 0   | 1 - 2 | 3 - 4       | 5 - 6        |          | 9 - 10 | 11 - 12        | 13 - 14 1 | 5 - 16 | 17 - 18 19                                       | - 20          | 21 - 22 23 | - 24 25 - 26 | 27 - 28 29                                       | - 30 - 31     |        |            |             | Dew Po   |
| 82/81            |     |       | 18.4        | 2.7          | .9       | -      |                |           | 1      |  |               |            |              | į į  |               | 79     | 79<br>1066 |             |          |
| 80/ 79<br>78/ 77 |     | 2 2   | 15.2        | 11.3         | 3.0      | • 2    |                |           | -+     | <del></del>                                      | -+            |            |              | · -  |               | 520    | 529        | 51          |          |
| 76/ 75           | اد  | 1.8   | 1.6         | 11.3         | 4        |        | \              | !         | j      |  | 1             | 1          | 4            | į  |               | 75     |            |             |          |
| 74/ 73           | . 1 |       | 1           |              |          |        | t              |           |        |  |               |            |              | 1  |               | 75     | 75<br>13   | 834         |          |
| 72/ 71           | • • | 2     | 1           |              |          |        | ! ]            |           | i      |  |               |            |              |  | 1             | • 5    |            | 204         |          |
| 70/ 69           |     |       |             |              |          |        |                | j-        |        |  |               |            |              | † <del></del>                                    | -+            | 1      |            | 28          |          |
| 58/ 67           | ì   |       |             | Ì            | }        |        | 11             | ļ         |        |  | 1             | }          |              |  | i             | .i     |            | i           | 9        |
| 6/ 65            |     |       |             |              |          |        |                |           |        |  |               | _          |              |  |               |        |            |             |          |
| TAL              | . 3 | 5.2   | 36.3        | 50.1         | 7.8      | . 2    |                |           |        |  |               |            |              |  |               | ·      | 1767       |             | 170      |
|                  |     |       |             |              |          |        | 1 1            |           |        |  | l             | - 1        |              |  | :             | 1767   |            | 1767        |          |
|                  | }   |       | ļ           |              |          |        | <u> </u>       |           |        |  |               |            |              | <del>↓</del> ⊹                                   | <del>i</del>  |        |            | }           |          |
|                  |     |       |             | l l          | Ì        |        | ] [            |           | 1      |  | - }           |            |              | i į  | 1             |        |            |             |          |
|                  |     |       |             |              |          |        | <del>   </del> |           |        |  |               |            |              | <del>                                     </del> | <del></del>   |        |            |             |          |
|                  |     |       |             |              | 1        |        | ļļ             | - (       | ł      |  | 1             |            | 1            |  | 1             |        |            |             |          |
|                  | —i  |       | -           |              |          |        | +              |           |        |  | -+            |            |              | +  | <del></del> - |        |            |             |          |
| ,                |     |       |             |              | !        |        |                |           |        |  | - 1           |            |              |  | į             |        |            |             |          |
|                  |     |       | ·           |              |          |        | -              |           |        |  | $\rightarrow$ |            |              | <del> </del>                                     |               |        |            | +           |          |
|                  |     |       |             |              | ı İ      |        | 1              |           |        |  | 1             |            |              | 1  |               | 1      |            |             |          |
|                  | ,   |       | +           |              |          |        | † <u> </u>     |           |        |  |               |            |              | <b></b>  |               | 1      | ·          |             |          |
|                  |     |       |             |              |          |        | 1 1            |           | ĺ      |  |               |            | i            |  |               | 1      |            |             |          |
|                  | i   |       | •           |              |          |        |                |           |        | -  |               |            |              |  |               |        |            |             |          |
|                  |     |       |             | <u> </u>     |          |        | Ì              |           |        |  |               |            |              |  |               |        |            | <u> </u>    |          |
| į.               |     |       | İ           |              |          |        |                |           |        |  |               |            |              |  |               |        |            | i           |          |
|                  |     |       | ·           | ·            |          |        |                |           |        |  | $\rightarrow$ |            |              |  |               |        |            |             |          |
|                  |     |       |             |              | !        |        |                | -         | ļ      |  | ļ             |            | 1            |  |               |        |            | i i         |          |
|                  |     |       | <del></del> |              |          |        |                |           |        |  | $\rightarrow$ |            |              | <b>├</b>   | <del></del> - | +      |            |             |          |
|                  | !   |       | 1           | ļ ,          |          |        |                |           |        |  |               |            |              |  | Ì             |        |            |             |          |
|                  |     |       | <del></del> |              |          |        | <del>  </del>  |           |        |  | -+            |            |              | ┼┼   | <del> </del>  | +      | <u> </u>   | <del></del> |          |
| į                |     |       |             |              | ,        |        |                | , }       | 1      | }  |               | 1          |              |  | \             |        | i          | ı İ         |          |
| <del></del>      |     |       | <del></del> | <del> </del> |          |        | + -            |           |        | <del>                                     </del> | $\rightarrow$ |            | -+-          | <del> </del>                                     |               | +      |            |             |          |
| 1                |     |       | į<br>Į      |              |          |        |                |           |        |  |               |            |              |  |               |        | !          |             |          |
| lement (X)       |     | Σχ'   |             |              | Σχ       |        | Ĭ              | €×        | $\Box$ | No. Obs.   | $\Box$        |            |              | Mean No.   | of Hours wi   |        | ure        |             |          |
| el. Hum.         |     |       | 10114       |              | 1416     |        | 80.2           |           |        | 176  |               | ± 0 F      | : 32 F       | - 67 F   | ≥ 73 F        | ≥ 80 F | ≥ 93 F     | :           | otal     |
| ry Bulb          |     |       | 76630       |              | 1392     |        | 78.8           | 1.35      |        | 176  |               |            |              | 93.  |               |        | 4          |             |          |
| Vet Bulb         |     |       | 1313        |              | 1309     |        |                | 1.39      |        | 176  |               |            |              | 93,  |               |        |            |             |          |
| lew Point        |     | 011   | 14216       |              | 1971     | 2 2    | 72 1           | 1.80      | ai     | 1764   | <b>⊾</b>      |            | 1            | 92.  | 41            | نه     | 1          |             | (        |

OATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/SAC

21603 JOHNSTON ISLAND/PACIFIC IS 45-71

#### **PSYCHROMETRIC SUMMARY**

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| STAT       | ION      | . • |   |              | 5              | ATION N | ME         |              |                |            |          |              |              | EARS   |            |                |         | MON        | TH.     |
|------------|----------|-----|---|--------------|----------------|---------|------------|--------------|----------------|------------|----------|--------------|--------------|--|------------|----------------|---------|------------|---------|
|            |          |     |   |              | -              |         |            |              |                |            |          |              |              |  |            | PAGE           | 1       | 0600       |         |
| Tem        | р.       |     |   |              |                |         | WET        | BULB T       | EMPERATI       | JRE DEPR   | ESSION   | (F)          |              |  |            | TOTAL          |         | TOTAL      |         |
| (F)        |          | 0   | 1 - 2                                   | 3 - 4        | 5 - 6          | 7 - 8   | 9 - 10     | 11 - 12      | 13 - 14 15 -   | 16 17 - 18 | 19 - 2   | 0 21 - 22 23 | - 24 25 - 26 | 27 - 28 29                                       | 30 - 31    | D.B, W.B.      | ry Bulb | Wet Buib   | Dew Por |
| 86/        |          |     | 1                                       | :            |                | - 1     |            |              |                |            |          |              |              |  | ĺ          | 1              | 1       |            |         |
| 84/        | 83       |     |   | 1            | . 7            | 2.0     |            |              |                |            | <u> </u> | <u> </u>     |              | <del>                                     </del> |            | 54             | 54      |            |         |
| 82/        |          |     | • 1                                     | 2.3          | 11.7           | 8.6     | 1.0        |              |                | 1          |          |              | ļ            | ,  |            | 419            | 419     |            |         |
| 80/        |          |     |   | 16.5         | 30.6           | 7.4     | <u>• 2</u> |              |                | ·          |          | <u> </u>     |              |  |            | 973            | 973     | 1          |         |
| 78/        |          |     |   | 8.1          |                |         |            |              |                |            | ł        |              |              |  | Ì          | 262            | 262     | 109        |         |
| 76/        |          |     |   | 1.0          |                |         |            |              |                |            |          |              |              | <del> </del>                                     | i          | 45             | 45      | 816<br>679 | 17      |
| 74/        |          | - 1 |   |              |                |         |            |              | 1              |            |          |              |              | 1  | 1          | 3              | 5       |            |         |
| 72/        |          |     | • 1                                     | <u> </u>     | <u> </u>       |         |            |              |                |            | ╀        | +            |              | <del>                                     </del> |            |                | 2       |            |         |
| 707        |          | . 1 | 1                                       | 1            | 1              |         |            |              |                | ļ          |          |              | ļ            |  |            | 1              | 1       | 13         |         |
| 68/<br>66/ |          |     | <u> </u>                                | <del> </del> | <del></del>    |         |            |              | -+             |            | -        |              |              | <del></del>                                      |            | +              |         | <b>⊢</b>   | 5       |
| OTA:       |          | ,   | . د                                     | 27.9         | 47 0           |         | ١ 4        |              |                |            |          | 1 1          | ł            |  |            | 1              | 1762    |            | 176     |
| UIAI       | <u> </u> |     | 200                                     | JK (         | 4 / 6 0        | 10.0    | 4.0        |              |                |            |          | +            |              | +  |            | 1762           |         | 1762       |         |
|            |          |     |   |              | ļ              | ,       |            | ]            | )              |            |          | 1 1          |              | 1  | 1          | 1105           |         | 1,02       |         |
|            | +        |     | ·                                       | <u> </u>     | <del> </del> - |         |            |              |                | -+         |          |              | <del></del>  | <del></del>                                      |            | - <del>-</del> |         |            |         |
|            |          |     |   | ,            | 1              |         |            | - 1          | 1              |            | j        |              | ]            | 1  | 1          | 1              |         |            |         |
|            |          |     |   | +            | -              |         |            |              |                |            | +        | ++           |              | +  | +          |                |         |            |         |
|            |          |     | :                                       |              | İ              | i I     |            |              | 1              |            |          |              |              | ] ]  | ļ          | 1              |         |            |         |
|            |          |     |   | +            |                |         |            |              |                |            |          | ++           | <del></del>  | ++-  |            | <del></del>    |         |            |         |
|            |          |     |   | i            |                |         |            | - 1          |                |            |          |              | ļ            |  |            | 1 ;            |         | i.         |         |
|            |          |     |   | <del>-</del> | •              |         |            |              |                |            | +        | +            |              | ++   |            | +              |         |            |         |
|            | 1        |     |   | i            | 1              | i       |            |              |                | į          |          |              |              |  | l          | 1              |         |            |         |
|            |          |     | · · -                                   |              | <del> </del> - |         |            |              |                | _          | +        | <del> </del> |              | +  | -+         | +              |         |            |         |
|            |          |     |   | !            | i              | i       |            |              | 1              |            |          |              | İ            | 1 1  | ļ          | 1 1            |         | į          |         |
|            |          |     | ·                                       | †            | <del> </del> - |         |            | <del>-</del> |                |            | †        | <del></del>  |              | +  |            | <del> </del> ; |         |            |         |
|            | ļ        |     |   |              | 1              | i       |            | ' i          |                |            | ł        |              | į            |  | ì          | 1 1            |         | 1          |         |
|            |          |     | • |              | <del> </del> - |         |            |              |                |            | <b>†</b> | +            |              | <del>                                     </del> |            | 1              |         |            |         |
|            |          |     |   |              |                |         |            |              | į              | İ          | İ        |              |              |  | İ          | 1              |         |            |         |
|            | •        | _   | *···                                    | •            | <del> </del>   |         |            |              |                |            | 1        | 1            |              | <del>  -</del>                                   |            | T              |         | ·          |         |
|            |          |     |   |              |                |         |            |              |                |            |          |              |              |  |            | 1 1            |         |            |         |
|            | •        |     | •                                       |              | <del></del>    |         |            |              |                |            | 1        |              |              | <del>                                     </del> |            | + :            |         |            |         |
|            |          |     |   |              | 1              |         |            |              |                |            |          |              | ĺ            |  |            | 1              |         | İ          |         |
|            |          |     |   | •            | +              |         |            |              |                |            | 1        | 1 1          |              | <u> </u>   |            |                |         |            |         |
|            |          |     |   |              | 1              | 1       |            |              |                |            |          |              |              | 1 1  |            |                | İ       | 1          |         |
|            |          |     | Z g'                                    |              |                | Z X     | $\neg$     | x            | Ø <sub>K</sub> | No. O      |          | <u> </u>     |              | Mean No. o                                       | f Hours wi | th Temperatu   | re      |            |         |
| . 4        |          |     | 1090                                    | 1001         |                | 1382    | 19         | 78.4         | 5.793          | 1          | 762      | 5 0 F        | : 32 F       | ≥ 67 F   | ≥ 73 F     | - 80 F         | r 93 F  | - 1        | Total   |
|            |          |     | 1120                                    | 3342         |                | 1404    | 74         | 79.7         | 1.575          | 1          | 762      | T            |              | 93.0   |            |                | ]       |            | 9       |
|            |          |     | <b>97</b> .                             | 77596        | )              | 1312    | 32         | 74.5         | 1.424          | 1          | 762      |              |              | 93.0   | 84.        | 7              |         |            | 9.      |
|            |          |     | <b></b>                                 | 1 962        | i'             | 1276    | 30         | 79.3         | 1.861          | 9,1        | 762      | 1            |              | 95.9   | 47.        | <u> </u>       | 1       |            | 0       |

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

| STATION          | JUHNSTON ISLA | AND/PACIFIC      | : IS                  | 45=71  |   | YE               | ARS .        | ~                |              |           | <u></u>    | <u>C T</u> |
|------------------|---------------|------------------|-----------------------|--|---|------------------|--------------|------------------|--------------|-----------|------------|------------|
|                  |               |                  |                       |  |   |                  |              |                  | PAGE         | 1         | 0900       | -110       |
| Temp.            |               |                  | BULB TEMPERATUR       |  |   | -1 T             |              |                  | TOTAL        | , 7       | TOTAL      |            |
|                  |               |                  | 1 - 12 13 - 14 15 - 1 | 6 17 - 18 19 - 20                                | 21 - 22 23 -                                      | 24 25 - 26       | 27 - 28 29 - | 30 31            |              |           | Wet Bulb I | Dew Po     |
| 88/ 87<br>86/ 85 |               | 8 4.4 5.7        | .2 .1                 | 1  |   |                  | F.           | ' '              | 22<br>207    | 22<br>207 |            |            |
| 84/83            | 7 9           | 821.6 9.3        | . 6 . 1               | <del>                                     </del> |   | +                |              | - <del></del>    | 740          | 741       |            |            |
| 82/ 61           |               | 511.0 1.8        | • •                   |  |   |                  |              |                  | 599          | 599       | 4          |            |
| 80/ 79           | 4 3.1 3.      |                  |                       |  |   |                  |              | <u> </u>         | 140          | 140       | 52         |            |
| 78/ 77           | .3 1.6        | 1 1              |                       |  | <b>!</b>  | i                |              |                  | 42           | 42        | 443        |            |
| 76/ 75           | .4 .1         |                  |                       | · † · · · † · · · ·                              |   | 7-1              |              | <del></del>      | 9            | 9         | 931        |            |
| 74/ 73           | .2 .2         |                  |                       |  |   |                  |              |                  | 6            | 6         | 294        |            |
| 72/ 71           | • i           |                  |                       |  |   |                  |              |                  | 2            | 2         | 39         |            |
| 70/ 69           |               |                  |                       | 1  |   | <u> </u>         |              | - <del></del>    |              |           | 4          | _19        |
| 68/ 67           |               |                  |                       |  |   |                  | İ            |                  |              |           |            | - 1        |
| 66/ 65           | <del></del>   |                  |                       | +  |   |                  |              |                  |              |           |            |            |
| 64/ 63<br>UTAL   | 1.5 8.732.    | 328 517 0        | 1.1 .1                |  |   | 1 1              | 1            |                  | ſ            | 1768      |            | 176        |
| UIAL             | 147 00 (360   | 330.31.1.0       | * * * * * *           | +  |   |                  |              |                  | 1767         | . / 0/0   | 1767       | . / (      |
|                  |               |                  |                       | 1  |   | 1                | -            | į                |              |           |            |            |
|                  |               |                  |                       | +  | <del>  -   -</del>                                | -+               |              |                  | i            |           |            |            |
|                  |               |                  |                       |  |   |                  | 1            |                  |              |           | I r        |            |
|                  |               |                  |                       |  |   |                  |              | <u> </u>         |              |           |            |            |
|                  |               |                  |                       |  |   |                  | 1            |                  | i            |           |            |            |
| 1                |               |                  |                       |  |   |                  |              |                  |              |           |            |            |
| i                | <del></del>   | - <u> </u>       |                       |  |   |                  |              |                  |              |           |            |            |
| •                |               | 1                |                       |  |   |                  |              |                  | į            | 1         |            |            |
|                  |               |                  |                       |  | L   |                  |              |                  |              |           |            |            |
| 1                |               |                  |                       |  |   |                  | 1            |                  | 1            |           |            |            |
|                  |               | <del>-    </del> |                       | +  | <del> </del>                                      | -+-+             |              |                  | <del>-</del> |           |            |            |
| 1                |               |                  |                       |  |   |                  |              |                  | j            |           | 1          |            |
|                  |               |                  |                       | +  | <del> </del>                                      | <del>-    </del> | <del></del>  | <del>     </del> |              |           |            |            |
|                  | 1             |                  |                       |  | ]   | } [              |              |                  |              |           |            |            |
|                  |               | +                |                       | +  | <del>  -                                   </del> | +                |              | 1                |              |           |            |            |
| }                |               |                  |                       |  |   | 1 1              | 1            |                  |              | į         | 1          |            |
|                  |               | -+               |                       | <del></del>                                      |   |                  |              |                  |              | +         |            |            |
|                  |               |                  |                       |  |   |                  |              |                  |              |           |            |            |
| Element (X)      | Σχ2           |                  | χ̃ σ <sub>χ</sub>     | No. Obs.   |   |                  | Mean No. of  |                  |              | ·         |            |            |
| Rel. Hum.        | 9537332       | 129298           | 73.2 6.565            | 1767   | ± 0 F   | : 32 F           | ≥ 67 F       | ≥ 73 F           | ≥ 80 F       | ≥ 93 F    |            | otal       |
| Ory Bulb         | 12060783      |                  | 2.6 1.947             | 1768   |   |                  | 93.0         | 92.9             | 88.1         |           |            | (          |
| Wet Bulb         | 10135815      |                  | 75.7 1.582            | 1767   |   |                  | 93.0         | 90.7             |              |           |            |            |
| Dew Point        | 9417215       | 128943           | 73.0 2.112            | 1767   | [   | 1                | 92.9         | 55.7             | 2            |           | i          | 9          |

DATA PROCESSING BRANCH USAF ETAC AIR "EATTER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

JUHNST IN ISLAND/PACIFIC IS C)CT

1200-1400 HOURS (L. S. T.) PAGE 1

| Dew Point                |          | 171          |         |        | 128                                     |              | 73.           | ă 2      | .22         | 1       |               | 765      |                |              |  | 92             |        | 53.5                                    |                   |              |              | <del>- j</del> |
|--------------------------|----------|--------------|---------|--------|---|--------------|---------------|----------|-------------|---------|---------------|----------|----------------|--------------|--|----------------|--------|---|-------------------|--------------|--------------|----------------|
| Wet Bulb                 |          | 094          |         |        | 1342                                    |              | 76.           | 7 1      | . 6         |         | -+            | 766      |                |              |  | 93             |        | 91.2                                    |                   |              | <del> </del> | 9              |
| Dry Bulb                 |          | 293          |         |        | 147                                     | 54           | 83.           |          |             |         |               | 767      | = 0            | -            | : 32 P   | 93             |        | 93.0                                    | 2 80 F            | → 93 F       | '            | 9              |
| Element (X)<br>Rel. Hum. |          | 087          | 84      |        | 1 2 5 5                                 | i A A        | 71.           | + -      |             |         |               | 766      | : 0            | _            | : 32 F   | Mean N<br>≥ 67 |        | laurs with<br>≥ 73 F                    | Temperate         | T            | 1 -          |                |
| Florest (X)              | Z x²     |              |         |        | Z X                                     | !            |               | +        | -           | _       | No. O         |          |                |              |  | Mana N         | 4 L    | • | Tamaria           |              |              |                |
|                          |          | +            | $^{-+}$ |        |   | <del> </del> | †             | +        | +           |         |               |          | 1              | <del> </del> | <del>                                     </del> |                |        | <b>†</b>                                |                   |              |              |                |
|                          | į        | İ            |         | į      |   |              |               |          |             |         |               |          |                |              |  |                |        |   |                   |              |              |                |
|                          | i        |              |         |        |   | <u> </u>     | 1             | $\perp$  | $\perp$     |         | <del> </del>  |          |                |              | ļ  |                |        |   |                   |              |              |                |
|                          |          | +            | +       |        |   | <del> </del> | +             | i        | +           |         | <del> </del>  | -        |                | +            | <del> </del>                                     | -              |        |   |                   |              |              |                |
|                          |          |              |         |        |   |              |               |          |             |         |               |          |                |              |  |                |        |   |                   |              |              |                |
|                          |          |              |         |        |   |              | _i            |          |             |         |               |          |                |              |  |                |        |   |                   |              |              |                |
|                          |          | -            |         |        |   |              | <del>-</del>  | +-       | +           |         | +             | i        | -              | <del> </del> | <del> </del>                                     |                |        | -                                       |                   |              |              |                |
|                          |          | i            | i       |        |   | :            | i             |          | <del></del> |         |               |          | 1              |              |  |                |        | 1                                       |                   |              |              |                |
|                          |          |              | !       |        |   | !            | 1             | i<br>:   |             |         |               |          |                |              | !  |                |        |   |                   | 1            |              |                |
|                          |          | <del>-</del> | ‡       |        |   | +            | <del>-</del>  |          |             |         | <del> </del>  | ļ        | <del> </del>   | +            | <b>↓</b> —                                       |                |        |   |                   | <del>-</del> | <u>-</u>     |                |
| !                        |          |              |         | :<br>: |   |              |               |          |             |         |               |          |                |              |  |                |        |   |                   |              |              |                |
| i                        |          | 1            | 1       | į      |   | 1            |               |          |             |         |               |          |                |              | İ  |                |        |   |                   | 1            |              |                |
|                          |          | _ i          |         |        |   | -            |               | +-       | $\perp$     |         | -             |          | -              | -            | <u> </u>   |                |        | -                                       | 1766              |              | 1766         |                |
| TAL                      | 1.       | 2 6          | . 62    | 21.4   | 38.4                                    | 27.          | 4 4.          | 8        | . 2         |         |               | 1        | <del> </del>   | 1            | 1  |                |        |   |                   | 1767         |              | 176            |
| 56/ 65                   |          |              |         |        |   | 1            |               |          |             |         |               |          |                |              |  |                |        | İ                                       |                   | 1            |              |                |
| 68/ 67                   |          | 1            | _       |        |   | -            | ┼             |          | $\perp$     |         | <u> </u>      | <u> </u> |                |              | ļ  |                |        |   | i<br><del> </del> |              |              | 3              |
| 70/ 69                   |          | _            | _†      |        |   | 1            | +-            | <u> </u> |             |         | <del> </del>  |          | ĺ              | _            |  |                |        | i                                       |                   |              | 3            | 15             |
| 74/ 73<br>72/ 71         | į '      | 2            | • 1     |        |   |              | İ             |          |             |         |               |          |                |              | 1  |                |        | i                                       | 4                 | 4            | 255<br>31    | 57<br>55       |
| 76/ 75                   | <u>i</u> | 3            | . 2     |        |   | ļ            | -             | -        |             |         | <u> </u>      | <u> </u> | ļ              | ↓            | 1  |                |        | ļ                                       | 8                 |              | 832          | 35             |
| 78/ 77                   |          | 5 1          | .0      | • 3    | • | 1            | <del></del> - | +        |             |         | i             | †        | <del> </del>   | 1            | <del> </del>                                     | -··-           |        | <del></del>                             | 32                | 32           | 542          |                |
| 82/ 81<br>80/ 79         |          | 3 2          | •       | 1.5    | 8.7                                     | 1.           | ٠ .           | 1        |             |         |               |          |                |              | İ  |                |        | -                                       | 377<br>76         | 378<br>76    | 10<br>93     |                |
| 84/ 83                   |          | -   -        | . 5     | 9.0    | 18-3                                    | 9.           | 7.            | 9        | • 1         |         | <u>.</u>      | .i       | 1              | ļ            | ļ  | ļ              |        | +                                       | 680               | 680          |              |                |
| 86/ 85                   |          |              | . 3     | 1.4    | 10.                                     | 13.          | 9 2.          |          | • 1         |         | <del></del> - |          | +              | +            | <del>                                     </del> | ;              |        | -                                       | 505               | 505          | ——·          | -              |
| 90/ 89<br>88/ 87         |          | İ            |         | . 2    | 1.0                                     | 2.           |               | 2        |             |         |               |          |                | ļ            |  |                |        |   | 78                | 6<br>78      | :            |                |
| (F)                      | 0 1-     | 2 3 -        | 4       | 5 - 6  | 7 - 8                                   |              |               |          | - 14 1      | 15 - 16 | 17 - 1        | 19 - 20  | 21 - 2         | 2 23 - 24    | 25 - 26  | 27 - 28        | 29 - 3 | 0 + 31                                  | D.B. W.B.         | Dry Bulb     | Wet Bulb     | Dew Po         |
| · .                      |          |              |         |        |   |              | TBULE         | ) I E M  |             |         | , J           | 233101   | <del>(F)</del> |              |  |                |        | <b></b>                                 | TOTAL             |              | TOTAL        |                |

USAFETAC NOW 0.26-5 (OLA)

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| STATION                     | <u> 18</u> | JHNS T   | CHA I        |  | STATION      |         | 10 1  | 3       |               | —      | 45   | -/1          |              |        |           | YEARS        | -       |               |              |             | Мог  | CT<br>TH |
|-----------------------------|------------|--|--------------|--|--------------|---------|-------|---------|---------------|--------|--|--------------|--------------|--------|-----------|--------------|---------|---------------|--------------|-------------|--|----------|
|                             |            |  |              |  |              |         |       |         |               |        |  |              |              |        |           |              |         |               | PAG          | E 1         | 1500   | -17(     |
| Temp.                       |            | ,  |              |  | _,           |         | TBULB |         |               |        |  |              |              | , _    |           |              | -,      | ,             | TOTAL        |             | TOTAL  |          |
| (F)                         | 0          | 1 - 2  | 3 - 4        | 5 - 6  | 7 - 8        | 9 - 10  |       |         |               | 5 - 16 | 17 - 18  | 19 - 20      | 21 - 2       | 2 23 - | 24 25 - 2 | 6 27 - 2     | 8 29 -  | 30 - 31       | D.B. W.B.    | Dry Bulb    | Wet Buib   | Dew P    |
| 90/89                       |            |  |              | ١.   | _ [          | . •     |       |         | - 1           |        |  |              |              |        | 1         |              |         |               | 3            | _ 3         |  |          |
| 88/ 87                      |            | <del> </del>                                     | ۱.,          | •  |              |         |       |         |               |        | ļ  | -            | ļ            |        | ļ         |              | -       |               | 19           | 20          |  |          |
| 86/ 85                      |            | 1  | 1.1          |  |              |         |       |         | 1             |        |  |              |              |        |           | -            |         |               | 167          | 167         |  |          |
| 84/ 83                      |            | ٠,   | 3.6          |  | 916.<br>715. |         |       | 2       |               |        | <u> </u>   |              | +            |        |           |              |         |               | 531          | 53 <u>1</u> |  |          |
| 80/ 79                      |            | • 1  |              |  |              |         | - 1   |         | 1             |        |  | 1            |              |        |           |              |         |               | 677          |             |  |          |
| 78/ 77                      |            | • 1  |              |  |              |         | 4     | -       |               |        |  |              | 1-           | +      | -         |              | +       |               | 287          | 287         |  |          |
| 76/ 75                      |            | .7   |              |  | •            | -       |       |         |               |        |  |              |              | ļ      |           | İ            |         |               | 13           | 67          |  |          |
| 74/ 73                      |            | 1  |              | +  | +            | +       | +     | +       |               |        |  | +            | +            | +      | -         | <del> </del> |         | <del></del> - | 13           |             |  | 6!       |
| 72/ 71                      |            | ••   |              |  |              |         |       | 1       |               |        |  |              |              | 1      |           |              |         |               | 4            | 1           | 68   | 57       |
| 70/ 69                      |            | <del>                                     </del> |              | <b>†</b>   | _            | +       | +-    | +       | $\rightarrow$ |        |  | +            | 1-           | +-     | +         | +            | +       |               | +            |             | - 50   | 16       |
| 68/ 67                      |            |  |              |  |              |         |       |         | ŀ             |        | 1  |              |              |        |           | 1            |         | 1             |              |             | i [  | - 4      |
| 66/ 65                      |            | t  | <del> </del> | +  | +            | 1       | +     | +       | +             |        | $\vdash$   | +            | +            | +      | +         | +            | +-      |               | <u> </u>     |             |  |          |
| TUTAL                       |            | 1.4  | 11.2         | 31.  | 840.         | 214.    | 2 1.  | 2       | . 1           |        |  | }            | }            | 1      |           |              | 1       | İ             |              | 1766        | ]  | 176      |
| · · · · <del>· · · </del> † |            | 1  |              |  | -            | 1       | 7 - 7 | 1       | -             | -,     | <del>                                     </del> | 1            | 1            |        | +         |              | †       |               | 1765         |             | 1765   |          |
|                             |            |  |              |  |              |         |       |         |               |        |  |              |              |        |           |              |         |               |              |             | • • • • • • • • • • • • • • • • • • •            |          |
| 1                           |            | T  |              |  |              |         | T-    | $\top$  |               |        |  | 1            | 1 -          | 1      | 1         | 1            |         | 1             | 1            |             |  |          |
|                             |            |  | !<br>!       |  |              | $\perp$ |       |         |               |        |  |              |              |        |           |              |         |               | į į          |             |  |          |
|                             |            |  |              |  |              |         |       |         |               |        |  |              |              |        |           |              |         |               |              |             |  |          |
|                             |            | i  |              |  |              |         |       | $\perp$ |               |        |  |              | 1            | 1      |           |              |         |               |              |             | <u> </u>   |          |
|                             |            | _  |              | _  |              |         |       | -       |               |        |  |              |              |        | į         |              |         |               |              |             |  |          |
|                             |            | ļ  | <u> </u>     |  | <del> </del> | 1       |       | $\perp$ |               |        | <u> </u>   | ļ            | ļ            |        |           |              | 1       |               | 11           |             |  |          |
|                             |            | ì  |              |  |              |         |       |         |               |        |  |              |              |        |           |              |         |               |              |             |  |          |
| i                           |            | 1  | <u> </u>     | <b></b>  | <b></b>      |         |       | +-      |               |        |  |              | 1            | _      |           |              | $\perp$ | $\perp$       | 1 1          |             | ļ  |          |
|                             |            |  |              |  |              | 1       |       |         |               |        |  |              | 1            |        | 1         |              |         |               |              |             |  |          |
|                             |            | <b>.</b>   | <u> </u>     | <del> </del>                                     |              |         | -     | +       |               |        |  | -            |              | +      |           |              | —       |               | 1            |             | <b> </b>   |          |
|                             |            |  |              |  |              |         |       |         |               |        |  |              |              |        |           |              | 1       |               |              |             |  |          |
|                             |            | <del> </del>                                     | <del> </del> | <del> </del>                                     | -            | +       |       | +       |               |        |  | 1            | <del> </del> | +      |           | +            | -       | +             | ļi           |             |  |          |
|                             |            |  |              |  |              |         |       |         |               |        |  |              |              |        |           |              |         |               |              |             |  |          |
|                             |            | <del> </del>                                     | <del> </del> | +  | <del> </del> | -       | +     | +       |               |        | <u> </u>   | <del> </del> | <del> </del> | +-     |           | +            | -       |               | <del> </del> |             |  |          |
|                             |            |  |              |  |              | i       |       |         |               |        |  |              |              |        |           |              | -       | j             |              |             |  |          |
|                             |            | +  | <u> </u>     | <del>                                     </del> | +            | +       | +     | +       | $\rightarrow$ |        | <del>  -</del> -                                 | 1            | 1            | +      | +         | +-           | +-      |               | +-+          |             | <del>                                     </del> |          |
|                             |            |  |              | <u> </u>   |              |         |       |         |               |        |  |              |              |        |           |              |         |               |              |             |  |          |
| Element (X)                 |            | Σχ'  |              | <u> </u>   | ZX           | $\Box$  | X     |         | <b>€</b> 1    | I      | No. O  |              |              |        |           | _            |         |               | h Temperati  | JF#         |  |          |
| Rel. Hum.                   |            |  | 2170         |  | 130          |         | 73.   | 7 (     | 6.36          | 6      |  | 765          | = (          | F      | ≤ 32 F    |              | 7 F     | ≥ 73 F        | ≥ 80 F       | - 93        | 1  | otal     |
| Dry Bulb                    |            |  | 0402         |  | 144          |         | 82.   | 1       | 2.0           | 14     |  | 766          | <b></b>      |        |           |              | 3.0     | 93.0          |              |             |  |          |
| Wet Bulb                    |            | 1004   | 2250         | <u> </u>   | 133          |         | 75.   |         | 1.59          | 14     | 1  | 765          | L            |        |           |              | 3.Q     | 89,4          |              |             |  |          |
| Dew Point                   |            | 734  | 2163         | <u> </u>   | 128          | 359     | 72.   | 7 2     | z • 01        | 4      | 1  | 765          | l            |        |           | i 9.         | 2.9     | 30.6          | • •          |             |  | 4        |

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/HAC

### **PSYCHROMETRIC SUMMARY**

| STATION     | 9.0           | .,,,,, |              |  | TATION N   |  | C 15           |             |  | 45-  |  |                  |           | YE                | ARS     |          |              |  |        | MOI      | CT<br>vite    |
|-------------|---------------|--------|--------------|--|--|--|----------------|-------------|--|--|--|------------------|-----------|-------------------|---------|----------|--------------|--|--------|----------|---------------|
|             |               |        |              |  |  |  |                |             |  |  |  |                  |           |                   |         |          |              | PAGE   | 1      | 1800     | -2000         |
| Temp.       |               |        |              | _  |  | WET  | BULB           | TEMPER      | RATUR  | E DEPRI  | ESSION   | (F)              |           |                   |         |          |              | TOTAL  |        | TOTAL    |               |
| (F)         | 0             | 1 - 2  | 3 - 4        | 5 - 6  | 7 - 8  | 9 - 10   | 11 - 12        | 13 - 14     | 15 - 1   | 6 17 - 18  | 19 - 20  | 21 - 22          | 23 - 24 2 | 5 - 26            | 27 - 28 | 29 - 30  | - 31         | D.B. W.B. D.                                     | y Bulb | Wet Bulb | Dew Par       |
| 88/ 87      |               |        | i            |  |  |  |                | . 1         |  | T  |  |                  |           |                   |         |          |              | 1  | 1      |          |               |
| 86/ 85      |               |        |              | L  | 1  |  |                |             |  | <u> </u>   |  | 1                |           |                   |         |          |              | 2  | 2      |          |               |
| 84/ 83      |               |        |              | • 6  |  |  |                |             |  |  | ļ  |                  | ļ         |                   |         |          | 1            | 36   | 36     |          |               |
| 82/81       |               |        | 2.9          | 19.5   | 8.4  |  |                |             |  |  | ļ  |                  |           |                   |         |          |              | 552  | 552    |          |               |
| 80/ 79      | 1             |        | 15.5         | 27.9   | 9.1  | 1 -  | ١              |             | Ì  | ì  | ]  |                  |           |                   |         |          | 1            | 958  | 958    |          |               |
| 78/ 77      |               | 1.1    | 7.0          | 3.2  |  | <b>!</b>   |                |             | L  |  | <u> </u>   | -                |           |                   |         |          | ļ            | 183<br>30  | 183    |          | 18            |
| 76/ 75      | 1             | 1.0    |              | • 2  | ļ  |  |                |             |  |  |  | 1 1              | ļ         |                   |         |          |              | 3  | 20     | 644      | 73            |
| 74/ 73      | $\rightarrow$ | . 2    |              |  |  |  |                | <del></del> |  | +  | <b></b>  |                  | -         |                   |         |          |              |  |        | 117      |               |
| 70/ 69      | 1             |        |              | 1  | 1  | }  | 1              |             |  | 1  |  | 1                |           |                   |         | <br>     |              |  |        | A        | 210           |
| 68/ 67      | $\rightarrow$ |        | <del> </del> | <del>                                     </del> | <del></del>                                      |  | <del> </del> - | -           | -  | +  |  | 1                | +         |                   |         |          | <del> </del> | <del></del>                                      |        |          | 43            |
| 66/ 65      |               |        |              |  |  |  |                |             | 1  |  |  |                  |           |                   | :       |          |              |  |        |          | 7.            |
| 64/ 63      | -+            |        |              | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> |                |             | ļ <u>.</u>                                       | <del>                                     </del> | <del>                                     </del> | 1                |           |                   |         |          |              |  |        |          | 1             |
| DTAL        | į             | 2.9    | 24.5         | 51.4   | 20.0   | 1.0  | .1             | .1          |  |  |  |                  |           | İ                 |         | i        |              |  | 1765   |          | 176           |
|             |               |        |              |  |  | 1  | 1              |             |  |  |  | 1                |           | 1                 |         |          | 1            | 1765   |        | 1765     |               |
|             | 1             |        |              | }  |  |  | }              |             | 1  | }  | {  |                  |           |                   |         |          |              |  |        | _        |               |
|             | -             |        |              |  |  | <u> </u>   |                |             |  | 1  |  |                  |           |                   |         |          | T            |  |        |          |               |
| •           | . 1           |        |              |  |  |  |                |             |  |  |  |                  |           |                   |         |          | <u> </u>     |  |        |          |               |
|             |               |        |              |  |  |  |                |             |  |  |  |                  |           |                   |         |          |              |  |        |          |               |
|             | i             |        | !            |  |  |  |                |             | L  |  |  |                  |           |                   |         |          |              |  |        |          |               |
|             |               |        | ļ            |  |  |  | Ì              | 1           |  |  | 1  | 1 1              | 1         | ì                 |         |          | 1            |  |        |          |               |
| i           |               |        | <u></u>      |  | ļ  |  |                |             |  |  | $\perp$  |                  |           |                   |         |          | L            |  |        |          |               |
| i           | İ             |        |              | 1  |  |  |                | !           |  |  |  |                  |           |                   |         |          | 1            |  |        |          |               |
|             |               |        | <u></u>      | ļ  | L  |  |                |             | <u> </u>   |  | L  |                  |           |                   |         |          | -            |  |        |          |               |
| ĺ           |               |        |              |  |  |  |                |             |  |  |  | 1 1              | Į.        |                   |         | ļ        |              |  |        |          | ı             |
|             |               |        | ļ            | <u> </u>   |  | <del> </del>                                     | ↓              | <u> </u>    | <u> </u>   | -  | <b>-</b>   | +                |           |                   |         | <u> </u> | -            |  |        |          | <del></del> - |
| }           | Ì             |        |              |  | 1  |  | İ              |             |  |  |  | 1 1              |           | Ì                 |         | 1        |              |  |        |          |               |
|             |               |        |              | <u> </u>   |  | <u> </u>   | <del> </del>   | <u> </u>    | <b></b>  | +  | -  | +                |           | $\longrightarrow$ |         |          | <u> </u>     |  |        | -        |               |
| ļ           |               |        |              |  |  |  |                | 1           |  |  |  |                  |           |                   |         |          |              |  |        |          |               |
|             |               |        | -            | -  | <del> </del>                                     | <del> </del>                                     | +              | -           | ├  | +  | <del> </del>                                     | +                |           |                   |         |          | +            | <del>                                     </del> |        |          |               |
| ļ           | -             |        |              |  |  |  |                |             |  |  |  |                  |           |                   |         |          |              |  |        |          |               |
|             |               |        | <del> </del> | <del> </del>                                     | -  | <del></del>                                      | <del> </del>   | -           | <del> </del>                                     |  | <del> </del>                                     | +1               |           |                   |         |          | +            |  |        |          |               |
|             | )             |        |              |  |  | 1  |                |             |  |  |  | 1 1              |           | Ì                 |         | ]        | 1            |  |        |          |               |
| Element (X) |               | E x '  | !            | <del> </del>                                     | ZX   | 1  | X              | ٠,          | <del>`                                    </del> | No. O  | bs.  | <del>' ' '</del> |           |                   | Mean t  | to. of H | lours with   | Temperatur                                       | •      |          |               |
| Rel. Hum.   |               |        | 0387         |  | 1371   | 731  |                | 5.4         |  |  | 765  | = 0 F            | : 7 2     | 32 F              | ≥ 67    |          | - 73 F       | - EO F   | e 93   | F .      | Total         |
| Dry Bulb    |               |        | 1493         |  | 141  |  |                | 1.1         |  |  | 765  | † · · · · ·      | +         |                   |         | • a      | 93.0         |  |        |          | 9             |
| Wet Bulb    |               |        | 1625         |  | 131  |  | 74.6           | 1.3         | 98   | 11   | 765  |                  |           |                   |         | . a      | 86.4         |  |        |          | 9             |
| Dew Point   |               |        | 5294         |  | 1271   |  | 72.4           | 1           | 142  | 13   | 765  | 1                |           |                   | 45      | . 9      | 49.2         |  |        |          | 9             |

DATA PRUCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

21603 JUHNS FON ISLAND/PACIFIC IS 45-71
STATION NAME

#### **PSYCHROMETRIC SUMMARY**

2100-2300 HOURS (L, S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.10 21.22 23.24 25.26 27.28 29.30 .31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 3.410.6 2.7 .816.438.0 8.2 2.3 8.9 5.1 .5 84/ 83 294 294 1121 1121 297 297 82/ 81 80/ 79 78/ 77 118 805 11 191 724 574 217 76/ 75 74/ 73 41 .1 1.1 41 694 129 72/ 71 70/ 69 68/ 67 66/ 65 TOTAL 1759 1759 .2 4.429.454.111.0 1759 Element (X) No. Obs. Mean No. of Hours with Temperature 79.2 5.248 79.5 1.267 74.5 1.394 1759 1759 1759 139469 11106745 ≥ 67 F = 73 F = 80 F = 93 F Rel. Hum. 9768913 139814 93.0 93.0 93.0 85.7 92.7 49.0 Dry Bulb 93 Wet Bulb 93

FORM 0-26-5 (OL.A) REVISED MEYIOUS EDITIONS OF THIS FORM ARE

ISAFFTAC FORM

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

21603 JUHNSTON ISLAND/PACIFIC IS

# **PSYCHROMETRIC SUMMARY**

|                          |           |                   |   |              |          |              |      |          |                |          |  |         |          |          |              |             |  |          | PAU         | . T         | 0000               | -020  |
|--------------------------|-----------|-------------------|---|--------------|----------|--------------|------|----------|----------------|----------|--|---------|----------|----------|--------------|-------------|--|----------|-------------|-------------|--------------------|-------|
| Temp.                    |           |                   |   |              |          |              | WET  | BULB     | TEMPER         | ATUR     | DEPRE  | SSION   | (F)      |          |              |             | ,  |          | TOTAL       |             | TOTAL              |       |
| (F)                      | 0         | 1 - 2             | 3 - 4   | 5 - 6        | 7 - 1    | В 9          | - 10 | 11 - 12  | 13 - 14        | 15 - 16  | 17 - 18  | 19 - 20 | 21 - 22  | 23 - 24  | 25 - 26      | 27 - 28     | 3 29 - 30                                    | 31       | D.B. W.B.   | Dry Bulb    | Wet Bulb           | Dew P |
| 84/ 83                   |           |                   |   | 1            |          | 1            |      |          | 1              |          | 1  |         |          | ļ        | 1            | 1           | 1  |          | 1           | 1           |                    |       |
| 82/81                    |           |                   |   |              | 4 .      | 1            |      |          |                |          |  |         |          |          | L            | 1           | <u>.                                    </u> | <u> </u> | 8           | 8           |                    |       |
| 80/ 79                   |           | • 2               | 10.8  | 21.9         | 9 5.     |              | . 3  |          |                | İ        |  |         |          |          |              | İ           | 1  |          | 638         | 638         |                    |       |
| 78/ 77                   |           | 2.7               | 22.2  | 19.          | 2 5.     | 6            | . 5  | • 6      | <u> </u>       |          | 1  |         | ļ        | ļ        | -            |             | J  | L        | 816         | 819         | 9                  |       |
| 70/ 75                   |           | 2.6               | 3.1   | 2.1          |          | 6            | . 4  |          |                |          | 1  |         | ļ        |          | 1            |             | 1  |          | 158         | 158         |                    |       |
| 74/ 73                   | .1        | 1.0               | . 3   |              |          | 1            |      |          |                |          | <del>                                     </del> |         | L        |          | ļ            | 1           | <u> </u>                                     |          | 25          | 25          | 756                | 44    |
| 72/ 71                   |           |                   | ł   | • !          | l        |              |      |          |                |          |  |         |          |          |              |             | 1  |          | 2           | 2           |                    |       |
| 70/ 69                   |           |                   | <u> </u>                                      | <u> </u>     | <u> </u> | 4            |      |          | -              |          | 1  |         | <u> </u> |          |              |             | <u> </u>                                     | <b>↓</b> | L           |             | 90                 |       |
| 68/ 67                   |           |                   | ĺ   |              |          |              |      |          |                |          |  |         |          |          |              |             | 1  |          | [ ]         | ï           | 15                 | 13    |
| 66/ 65                   |           |                   |   | <u> </u>     | 4        | 4            |      |          | ļ              |          | 1  |         | <u> </u> | L        | -            | ļ           | 4  | <b></b>  | 1           |             | 10                 | 3     |
| 64/ 63                   |           |                   |   | ]            |          |              |      |          | 1              |          | ] ]  |         | J        | ]        |              |             |  | 1        | ]           |             |                    | 1     |
| 62/ 61                   |           |                   |   | <u> </u>     | 1        | 4            |      |          | ļ              |          | <b>↓</b>   |         |          | ļ        | -            | ļ           | 1  | <u> </u> | ļ           |             | L                  |       |
| 60/ 59                   | _         |                   | L   | l            |          | ٦            |      | _        |                |          |  |         | ļ        |          | 1            |             |  | ĺ        |             |             |                    |       |
| OTAL                     | <u>•1</u> | 0.0               | 36.4  | 43.          | 11.      | 9            | 1.3  | . 2      | 2              |          | <del>  </del>                                    |         | ļ        |          | <del> </del> | <u> </u>    | <del>-</del>                                 | -        |             | 1651        |                    | 164   |
|                          |           |                   | ĺ   | ĺ            | 1        |              |      |          | 1              |          | 1  |         | }        | 1        | 1            |             | İ  | 1        | 1648        | i           | 1648               |       |
|                          |           |                   | <u> </u>                                      |              |          | $\downarrow$ |      |          | <u> </u>       |          |  |         | <u> </u> | ļ        |              | <u> </u>    | 1  | ļ        | ļi          |             |                    |       |
|                          |           |                   | -   |              |          | 1            |      |          | 1              |          |  |         |          |          |              |             |  | İ        |             |             |                    |       |
|                          |           | !<br><del> </del> | <u> </u>                                      |              | <u> </u> | $\perp$      |      | L        | <u> </u>       | ļ        | $\downarrow \downarrow \downarrow$               |         | <u> </u> |          | <u> </u>     | ↓           | ↓  |          | <u> </u>    |             |                    |       |
|                          |           |                   | 1   | 1            |          |              |      |          | 1              |          |  |         | 1        | ļ        |              | 1           | 1  | İ        |             |             |                    |       |
|                          |           |                   | <u> </u>                                      | ļ            | ļ        |              |      |          |                | <u></u>  | ļ ļ  |         | <u> </u> |          | Ļ            |             |  |          |             |             |                    |       |
| -                        |           | i                 |   | İ            |          |              |      |          |                |          | , ,  |         |          |          | İ            |             |  | 1        | 1           |             |                    |       |
|                          |           | i                 | <u> </u>                                      | J            |          |              |      |          |                |          |  |         | L        |          |              |             |  | <u> </u> | l           |             |                    |       |
| į.                       |           |                   |   |              | -        | -            |      |          |                |          | 1  |         |          |          |              | 1           |  |          | 1           |             |                    |       |
|                          |           |                   | <u> </u>                                      | ļ            |          |              |      |          | ļ              |          | ļI   |         |          |          | L            |             |  | ļ        |             |             |                    |       |
|                          |           | į                 | 1   | ļ            |          |              |      |          |                | }        | ] ]  |         |          | J        | ļ            |             | j  | 1        | ]           |             |                    |       |
|                          |           |                   | <u>i                                     </u> | <u> </u>     |          | Ĺ            |      |          | <u> </u>       |          |  |         |          |          | <u>L</u>     |             |  | ļ        |             |             |                    |       |
| į.                       |           |                   |   | ĺ            |          | - 1          |      |          |                |          |  |         | 1        | ĺ        |              | i           | 1  |          |             |             |                    |       |
|                          |           |                   |   |              |          | ┵            |      |          | <u> </u>       |          |  |         | <u> </u> |          |              |             |  | <u> </u> |             |             |                    |       |
|                          |           |                   |   |              |          |              |      |          |                |          | 7  |         |          | ł        | 1            |             | 1  |          |             |             |                    |       |
|                          |           |                   | <u> </u>                                      | L            |          |              |      |          | ↓              |          |  |         |          | ļ        |              | <u> </u>    |  |          |             |             |                    |       |
|                          | _         |                   |   |              | 1        |              |      |          |                |          |  |         |          |          |              |             |  |          |             |             |                    |       |
|                          |           |                   |   | 1            | $\perp$  |              |      | L        |                |          | 1  |         | L        |          |              | 1           | <u> </u>                                     |          |             |             |                    |       |
|                          |           |                   |   |              |          | T            |      |          |                |          |  |         |          |          |              |             |  |          |             |             |                    |       |
| E1(V)                    |           | Σχ'               | <u></u>                                       | <del> </del> | ŽX       | $\bot$       | _    | <u> </u> | <u>-</u>       | 1        | No. Obs  |         | ١        | <u> </u> | <u></u>      | Mag         | No4 **                                       |          | h Temperati |             | _                  |       |
| Element (X)<br>Ref. Hum. |           |                   | 0847  | <b></b> -    | 131      | 7.           |      | X        | • <sub>R</sub> |          |  |         |          |          | ≤ 32 F       | mean<br>≥ 6 |  | 73 F     | - 80 F      | = 93 F      |                    | Total |
| Dry Bulb                 |           | 1004              | 5916  | <del>]</del> | 128      | 76           | 4    | 79.7     |                | 7.4      | 16   |         | ≤ 0      | '        | - 32 F       |             | 0. d   |          |             | <del></del> | <del>-   -  </del> |       |
| Wer Bulb                 |           | TANG              | 1980  | J            | 120      | 47           | 9    |          | 1.7            | <u> </u> | 16   |         |          | +        |              |             | 9.9  | 59,5     |             |             |                    |       |
| Dew Point                |           | -03               | 5959  | 4            | 117      |              |      | 73.3     | 4.4            | 79       | 16   | 48      |          | 1        |              | 1 9         | 702  | 63,      | ri          | L           |                    |       |

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY 216.)3 JUHNSTUN ISLAND/PACIFIC IS NOV 45-71 0300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 3.125.921.5 2.8 5.2 3.6 1.3 .2 .5 D.B. W.B. Dry Bulb Wet Bulb Dew Point 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 82/ 81 80/ 79 78/ 77 · 1 · 1 6.7 64 374 615 76/ 75 74/ 73 72/ 71 430 101 70/ 69 354 68/ 67 178 66/ 65 9 64/ 63 62/ 61 60/ 59 58/ 57 9 7.438.042.111.2 TOTAL 1652 1649 REVISED PREVIOUS EDITIONS OF THIS FORM ARE DISSOLEYE 1649 1649 (OL A) 0.26-5 ( No. Obs. Mean No. of Hours with Temperature ZX2 Element (X) 10618415 9985398 8801321 8312465 80.0 6.217 77.7 1.312 73.0 1.748 71.0 2.402 USAFETAC 131927 1649 ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F ± 0 F ≤ 32 F Rel. Hum. 90.0 89.3 86.4 90 90 128418 120437 117011 89,7 59,7 24.0 1652 1649 1649 Dry Bulb 4.4 Wet Bulb 90

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAL AIR WEATHER SERVICE/MAC JOHNSTON ISLAND/PACIFIC IS 45-71 NUV 0600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point 84/ 83 . 1 .4 2.3 2.8 1.0 .410.522.0 9.9 1.3 2.416.815.6 4.3 .7 .1 1.9 3.0 1.7 .3 .3 82/ 81 109 724 109 729 657 80/ 79 78/ 77 - 1 657 26 389 76/ 75 122 123 75 74/ 73 . 8 735 397 567 72/ 71 393 389 70/ 69 80 68/ 67 66/ 65 64/ 63 13 143 43 60/ 59 TOTAL .2 5.731.041.517.8 3.3 1644 1650 1644 1644 ã ğ 0.26-5 No. Obs. Element (X) 78.4 6.806 78.5 1.559 73.3 1.789 71.1 2.460 10171287 128827 267 F 273 F 280 F 293 F Rel. Hum. 1644 5 0 F ≤ 32 F 90.0 10166695 8837818 129493 1650 1644 1644 90 Dry Bulb 89,7 Wet Bulb

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR REATHER SERVICE/MAC JOHNSTON ISLAND/PACIFIC IS 45-71 STATION NAME 0900-1100 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point 51 86/ 85 52 84/ 83 335 336 702 698 82/ 81 80/ 79 78/ 77 456 458 207 27 175 81 17 81 76/ 75 680 522 180 36 485 512 74/ 73 . 1 72/ 71 70/ 69 278 112 39 68/ 67 66/ 65 64/ 63 62/ 61 9 60/ 59 .1 1.511.636.332.914.8 2.3 1645 1653 1645 (OL A) 0-26-5 Element (X) No. Obs. 8990511 10901558 9146345 73.6 7.105 61.2 1.871 74.5 1.858 121049 134204 122623 USAFETAC Rel. Hum. 1645 ≥ 67 F ≥ 73 F ≥ 80 F 89.9 77.9 37.8 1645 90.0 90 90 76.8 Dry Bulb Wet Bulb 8491443 90 DATA PRICESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

21603 JOHNSTON ISLAND/PACIFIC IS 49-71 YEARS PAGE 1 1200-1400

|             |     |               |              |                |             |               |         |         |                |  |         |                   |         |         |         |            |                | ,  |                | HOURS IL     | . 5. T. i |
|-------------|-----|---------------|--------------|----------------|-------------|---------------|---------|---------|----------------|--|---------|-------------------|---------|---------|---------|------------|----------------|--|----------------|--------------|-----------|
| Temp.       |     |               |              |                | ,           |               |         |         |                | DEPRE  |         |                   |         |         |         |            | ,              | TOTAL  |                | TOTAL        |           |
| (F)         | 0   | 1 - 2         | 3 - 4        | 5 - 6          | 7 - 8       | 9 - 10        | 11 - 12 | 13 - 14 | 15 - 16        | 17 - 18  | 19 - 20 | 21 - 22           | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30    | ≥ 31           | D.B. W.B.  | Dry Bulb       | Wet Bulb     | Dew Po    |
| 90/ 89      |     |               |              | 1              |             | .1            | . 1     |         |                | 1 1  | [       | - [               | ĺ       |         |         |            |                | 1  | 1              |              |           |
| 66/ 87      |     |               | <u> </u>     |                | . 2         | . 2           | . 2     |         |                |  |         |                   |         |         |         |            | <u> </u>       | 10   |                |              |           |
| 86/ 85      |     |               | ļ            | • 9            | 3.5         | 4.3           | 1.3     | .2      |                |  |         |                   |         |         |         |            | 1              | 168  | 168            |              |           |
| 84/ 83      |     |               | . 8          | 5.7            | 14.7        | 9.6           | 1.8     | . 2     |                |  |         | 1                 |         |         |         |            |                | 543  | 543            | Ĺ            |           |
| 82/ 81      |     | ·i            | 2.4          | 13.9           | 135.9       | 4.3           | 1.2     | . 1     |                |  |         |                   | 1       |         |         |            |                | 621  | 626            | 1,           |           |
| 80/ 79      |     | . 2           | 2.8          | 6.6            | 3.6         | 1.1           | - 1     |         | ļ              | 1 1  |         | - 1               | !       |         |         |            |                | 237  | 237            | 46           |           |
| 78/ 77      |     | . 3           | 1.5          | 1.0            | . 2         | . 1           |         |         |                |  |         |                   | 1       |         |         |            |                | 50   | 50             | 270          | 5         |
| 76/ 75      |     | . 2           | 2            |                |             | -             | 1 1     |         | į              | 1 1  | Į       |                   | 1       |         |         |            | 1              | 11   | 11             | 701          | 20        |
| 74/ 73      | • ! | . 2           |              | 1              |             |               |         |         |                | 1  |         |                   |         |         |         |            |                | 4  | 4              | 483          | 46        |
| 72/ 71      |     | 1             | [            | 1              | [           |               | [ ]     |         | 1              | 1 1  | - 1     | i                 | 1       |         |         |            |                | ! !  |                | 116          |           |
| 70/ 69      |     | $\overline{}$ |              | _              |             |               |         |         |                | 1 1  |         |                   |         |         |         |            |                | <del>                                     </del> |                | 26           | 26        |
| 68/ 67      |     | 1             |              | ļ              |             | 1             |         |         |                |  | -       | ļ                 | 1       |         |         |            | ĺ              |  |                | 7            | 8         |
| 66/ 65      |     | +             | <del> </del> | <del> </del> - | $\vdash$    |               |         |         | † <del></del>  | <del>                                     </del> |         |                   |         |         |         |            | †··            | + +  |                |              | 4         |
| 64/ 63      |     | 1             | 1            | )              | )           | ] .           | ) ;     | )       | ļ              | }  |         |                   |         |         |         |            |                |  |                | 1            | •         |
| 62/ 61      |     | +             | <u> </u>     | <del> </del>   |             |               |         |         | <del> </del>   | <del>   </del>                                   |         |                   |         |         |         |            | 1              | <del>   </del>                                   |                | !            |           |
| PUTAL       | . 1 | 1.0           | 7.7          | 28.4           | 38.1        | 19.5          | 6.4     | . 5     | . 1            | d l  | 1       | H                 | - 1     |         |         |            |                | 1 1  | 1650           |              | 164       |
| , D. AL     |     | 100           |              | -              |             |               |         |         |                | 1  |         |                   |         |         |         |            | <del> </del> - | 1645   |                | 1646         | • • •     |
|             |     |               |              |                |             |               |         |         |                |  | ĺ       | ĺ                 | {       |         | (       |            | 1              | 1043   |                | 1044         |           |
|             |     | <del> </del>  |              | <del> </del>   |             |               |         |         |                | +-+  |         | $\longrightarrow$ |         |         |         |            | <del> </del>   | +  |                | <del> </del> |           |
| !           |     |               | 1            | ļ<br>i         |             | ĺ             |         |         |                |  | ļ       |                   | i       |         | . 1     |            | 1              |  |                | !            |           |
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| 1           |     | 1             | ŀ            | 1              |             |               | ]       |         | į              | 1  |         | - }               | ]       |         | J       |            | j              |  |                | !            |           |
|             |     | <del> </del>  |              | +              |             |               |         |         |                | +-+  |         |                   |         |         |         |            | <b>├</b>       | <del>  </del>                                    |                | <del> </del> |           |
| (           |     | ĺ             | [            |                | 1 :         |               | i i     |         | !              |  | ì       | i                 | - {     |         |         |            | 1              | }  |                |              |           |
|             |     | <b></b> -     | <del></del>  | ļ              | ļ           |               |         |         | <del> </del> - | $\vdash$   |         |                   |         |         |         |            | <del> </del>   |  |                | <b>├</b>     |           |
|             |     |               | l            | 1              |             |               |         |         | ļ              | 1 1  | ļ       | Į                 | 1       |         |         |            | 1              | i i  |                | 1            |           |
|             |     | ļ             | <u> </u>     | <del> </del>   | ļ           | Ì——           | ļ       |         | ļ              |  |         |                   |         |         |         |            | <del> </del>   | L1   |                |              |           |
| j           |     | j             | 1            | )              |             | į             | İ       |         | İ              |  |         |                   | ļ       |         |         |            | Ì              | ] [  |                |              |           |
| i           |     | <u> </u>      |              |                | L           |               |         |         | L              |  |         |                   | 1       |         |         |            |                |  |                |              |           |
| 1           |     | 1             | ļ            | 1              | ł           |               |         |         | i              | )  | ļ       | . 1               | 1       |         |         |            | ]              | } j  |                | 1            |           |
| 1           |     | 1             |              | 1              | L           |               |         |         |                |  | 1       | 1                 |         |         |         |            | l              | l!   |                |              |           |
|             |     |               |              |                |             |               |         |         | 1              |  |         |                   |         |         |         |            | 1              |  |                |              | -         |
| }           |     | 1             |              |                | }           |               |         |         | }              | )  |         | . 1               | 1       |         |         |            |                |  |                |              |           |
|             |     | 1             |              | 1              |             |               | T       |         |                |  |         |                   |         |         |         |            |                | 1  |                |              |           |
| 1           |     |               | 1            | 1              | 1           | 1             | 1       |         |                |  |         |                   | 1       |         |         |            | }              |  |                | } }          |           |
| Element (X) |     | 2 x 2         |              |                | ZX          | <del>' </del> | X       | · ·     | `              | No. Obs  | .       |                   |         |         | Meon N  | lo. of H   | lours wit      | h Temperat                                       | ure            |              |           |
| Rel. Hum.   |     |               | 8273         |                | 1103        | 91            | 71.9    |         |                | 16   |         | ≤ 0 F             |         | 32 F    | ≥ 67    |            | 2 73 F         | ≥ 80 F   | ≥ 93           | F 7          | otal      |
| Dry Bulb    |     |               | 7131         |                | 1355        | 1 0           | 82.1    | 1.0     | 68             | 16   |         |                   | +-      | <u></u> | 90      |            | 90.0           |  |                | ·            | 9         |
| Wet Bulb    |     |               | 7670         |                | 1234        |               | 75.0    |         |                | 16   |         |                   | -       |         | 90      |            | 82.            |  |                |              | 9         |
| Dew Point   |     |               |              |                |             |               | 72.0    |         |                |  |         |                   | +-      |         | 87      |            |                |  | <del>y -</del> |              | 9         |
| PAM LOINA   |     | 922           | 180          | 1              | 1185        | 7.            | -6.0    | 2.6     | 21_            | 16   | 70      |                   |         |         |         | <u>. u</u> | 40.0           |  | <u> </u>       |              |           |

C FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE

SAFETAC FORM A

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

21603 JOHNSTON ISLAND/PACIFIC IS NOV 45=71

1500-1700

| Temp.       |     |              |             |              |              | WET          | BULB         | TEMPER       | ATURE       | DEPRE  | SSION (        | F)          |         |               |         |         |  | TOTAL  |             | TOTAL        |  |
|-------------|-----|--------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------|--|----------------|-------------|---------|---------------|---------|---------|--|--|-------------|--------------|--|
| (F)         | 0   | 1 - 2        | 3 - 4       | 5 - 6        | 7 - 8        |              |              |              |             |  |                |             | - 24 25 | 5 - 26        | 27 - 28 | 29 - 30 | ≥ 31   | D.B. W.B.  | Dry Bulb    |              | Dew Poi  |
| 88/ 87      |     |              |             |              | 1            | .1           | f :          |              | <u> </u>    |  |                |             |         |               |         |         | ļ  | 1  | 1           |              | * · ·  |
| 86/ 85      |     |              | .1          | . 5          | 1.2          |              |              |              |             |  |                |             |         |               | į       |         | i  | 42   | 42          |              |  |
| 84/ 83      |     | i            | . 2         | 3.2          | 7.0          | 3.1          |              |              | 1           |  |                |             |         |               |         |         | <del></del>                                      | 229  |             |              | <del> </del>                                     |
| 82/ 81      |     | .1           | 1.8         | 13.7         | 17.3         | 3.8          | .4           |              |             |  |                |             |         |               | į       |         | i<br>I   | 611  |             | •            |  |
| 80/ 79      |     | . 2          | 5.9         | 17.2         | 10.7         | 1.9          | .4           |              | <b> </b>    |  |                |             |         |               |         |         |  | 597  | 598         | 22           |  |
| 78/ 77      | . 1 | . 7          | 2.9         | 2.5          | 1.2          | . 2          | 1            | 1            | Ì           | 1  |                |             |         |               |         |         |  | 124  |             |              |  |
| 76/ 75      | .1  | . 8          | 1.0         | •1           |              |              |              |              |             |  |                |             |         |               | +       |         | <del>                                     </del> | 38   | 38          |              | 140  |
| 74/ 73      |     | . 1          | .1          | _            |              |              |              | ļ            |             |  |                |             |         | - 1           |         |         |  | 3  | 3           | 620          |  |
| 72/ 71      | .1  |              |             |              |              |              |              |              |             |  |                |             |         |               | -       |         |  | 3  | 3           | 181          |  |
| 70/ 69      | • - | -            |             |              |              |              |              |              | 1           | }  |                | i           |         |               | i       |         |  |  |             | 49           |  |
| 68/ 67      |     |              |             |              |              |              |              |              | 1           |  |                |             |         |               |         |         | † <b>-</b>                                       |  |             | 7            | 99   |
| 66/ 65      |     | -            |             |              |              |              |              | 1            | İ .         | }  |                | 1           |         |               | ĺ       |         |  | 1  |             | 1            | 4(   |
| 64/ 63      |     |              |             |              |              |              | -            |              |             |  |                |             |         | _             |         |         |  | <u> </u>   |             |              | 12   |
| 62/ 61      |     | !            |             |              | į            |              |              | Ì            | 1           |  |                |             |         |               | į       |         |  |  |             | İ            |  |
| DTAL        | .2  | 2.1          | 12.0        | 37.1         | 37.6         | 9.7          | 1.3          |              |             | !  |                |             |         |               |         |         | !  | t  | 1651        | <u> </u>     | 164  |
| i           |     |              | ]           |              | ļ            |              |              | 1            | İ           | l í  |                | ļ           |         |               | į       |         |  | 1648   |             | 1648         | į.   |
|             |     |              |             | i            | <del></del>  | ļ ———        |              |              |             | !  |                |             |         |               |         |         | 1  | 1  |             | 1            |  |
| i           |     |              | :           |              |              | !            | 1            |              | ]           | 1 1  | 1              |             | ŀ       | ]             | ĺ       |         |  | }  |             | İ            |  |
|             |     |              | :           | !            | !            | †            |              |              |             |  |                |             | $\neg$  | -t            |         |         | 1  | <del> </del> -                                   |             |              |  |
| !           |     | !            | i           |              |              | ļ            | ĺ            |              | ]           | i  | !              |             |         |               | Ì       |         | Ì  |  |             | i            | 1  |
|             |     |              |             | <del></del>  | 1            | <u> </u>     | t            |              | !           | !!   | 1              |             |         |               |         |         | <del> </del>                                     | <del>                                     </del> |             |              |  |
|             |     |              |             |              |              | I            | l            |              |             | 1 1  |                |             | 1       | ļ             | 1       |         | ļ  | 1  |             |              | 1  |
|             |     |              |             | <del> </del> |              |              | ļ            | t            |             | t  |                |             |         |               |         |         | <del> </del>                                     | <del> </del>                                     |             | t            | <del>                                     </del> |
|             |     | l            |             | i            |              | İ            | 1            | į.           | 1           | i i  |                |             | ĺ       |               |         |         | ļ  | İ  |             |              | i  |
|             |     |              |             | <del>;</del> | <del> </del> |              |              |              |             |  | <del>-</del> † |             | _       | -+            |         |         | <del> </del>                                     |  |             | <del> </del> | <del> </del>                                     |
| 1           |     | l .          |             | :            |              | į            | i            | 1            | 1           |  |                |             | - 1     |               | 1       |         |  |  |             |              | 1  |
|             | -   | +            | !           | i            |              | <del> </del> |              |              | -           |  |                |             |         | +             |         |         | <del> </del>                                     | <del> </del>                                     |             | <del> </del> | +  |
|             |     |              |             | :            |              |              | ]<br>        | ļ            | į           | )  |                | ŀ           |         |               | - 1     |         |  |  |             |              | į  |
| ·           |     |              |             |              | <del> </del> | <del> </del> | <del> </del> | <del> </del> |             |  |                | - +-        |         | -+            |         |         | <del> </del>                                     | <del> </del>                                     |             |              | <del> </del>                                     |
|             |     |              |             | :            | ì            | ļ            |              |              |             |  | Į              |             |         |               | 1       |         | ļ  |  |             | į            |  |
|             |     |              | -           | <del> </del> |              | <del> </del> |              | <del> </del> | <del></del> |  |                | <del></del> |         | <del>-+</del> |         |         |  | <del> </del>                                     |             | <del> </del> | <del> </del>                                     |
| 1           |     |              |             |              |              |              |              |              |             |  | ļ              |             |         | 1             |         |         |  |  |             |              | į .  |
|             |     | <del> </del> | <del></del> | <del></del>  | <del> </del> | <del> </del> | <del> </del> | t            |             | <del>                                     </del> |                |             |         | $\rightarrow$ |         |         |  |  |             | <del> </del> | <del>;</del>                                     |
|             |     |              |             |              |              |              |              |              |             | ] ]  | 1              |             |         |               |         |         |  |  |             |              |  |
| Element (X) |     | Zx'          |             |              | Zx           | Υ            | ¥            | σ <u>,</u>   | <del></del> | No. Ob   | <u>.  </u>     |             |         |               | Mean No | o, of H | DUTE WIT   | h Tempera  | ure         | <u></u>      |  |
| Rel. Hum.   |     |              | 1539        |              | 1225         | 81           |              | 6.6          |             | 16   |                | ± 0 F       | 1 3     | 2 F           | ≥ 67 (  |         | 73 F   | ≥ 80 F   | e 93        | F            | Total  |
| Dry Bulb    |     | 1076         |             |              | 1332         |              | 80.7         | 1.9          | 31          | 16   |                |             | 1       |               | 90.     |         | 89.8   |  |             |              | 9(   |
| Wet Bulb    |     |              | 1497        |              | 1224         |              | 74.3         |              |             | 16   |                |             | _       |               | 89      |         | 77.0   | •  |             |              | 90   |
| Dew Point   |     |              | 2272        |              | 1180         |              |              | 2.5          |             | 16   |                |             | +       | +             | 86      |         | 33.6   |  | <del></del> |              | 90   |

USAFETAC FOUN 0-26-5 (OL.A) BEVISED MEVIOUS EDITIONS OF THIS FOUN

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### **PSYCHROMETRIC SUMMARY**

JOHNSTON ISLAND/PACIFIC IS NOV MONTH 45-71 PAGE 1

1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

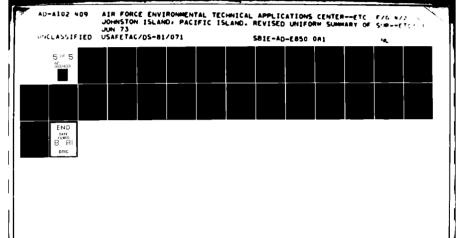
1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Pol WET BULB TEMPERATURE DEPRESSION (F) Temp. 84/ 83 • 1 3 .6 2.8 1.6 .513.031.612.4 2.011.213.0 4.1 1.2 1.3 .7 .5 82/ 81 80/ 79 78/ 77 . 1 968 514 1.0 968 511 70 .1 1.2 1.3 70 13 456 782 76/ 75 87 74/ 73 429 72/ 71 292 596 16 70/ 69 68/ 67 66/ 65 32 62/ 61 TOTAL .3 4.226.448.318.7 1.9 1654 1651 1651 1651 Element (X) Mean No. of Hours with Temperature 78.1 6.016 78.6 1.350 73.6 1.723 10127971 128929 1651 Rel. Hum. ≥ 67 F ≥ 73 F ≥ 80 F ± 0 F ± 32 F ≥ 93 F 130355 69,7 10276547 90.0 Dry Bulb 1654 90 8941439 121467 1651 Wet Bulb 90 90

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 0-26-5 (OL A) USAFETAC

DATA PROCESSING BRANCH USAR ETAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

| 21603<br>STATION | <u> </u>         | · CM:          | 711 1 | 5            | TATION N     | AME   | 10 15       | <b>L</b>       |                | 45-           | -       |         |         | YE           | ARS           |          | ·           |                   |                | MOI         | NTH    |
|------------------|------------------|----------------|-------|--------------|--------------|---|-------------|----------------|----------------|---------------|---------|---------|---------|--------------|---------------|----------|-------------|-------------------|----------------|-------------|--------|
|                  |                  |                |       |              |              |   |             |                |                |               |         |         |         |              |               |          |             | PAG               | E 1            | 2100        | -230   |
| Temp.            |                  |                |       |              | ,            |   |             |                |                | E DEPRE       |         |         |         |              | ı — —         |          |             | TOTAL             | ,              | TOTAL       |        |
| (F)              | 0                | 1 - 2          | 3 · 4 | 5 - 6        | <del></del>  |   | 11 - 12     | 13 - 14        | 15 - 1         | 6 17 - 18     | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26      | 27 - 28       | 29 - 3   | 0 231       | D.B. W.B.         |                | — .         | Dew Po |
| 82/ 81<br>80/ 79 |                  | 4              |       | 27.5         | 7.4          |   |             |                | ĺ              |               |         |         |         |              | !!            |          | i           | 25                | 25             |             |        |
| 78/ 77           | · <del> </del> - |                |       | 16.7         |              |   | 2           | -              |                |               |         | -       |         | <del></del>  | <del> </del>  | ·        |             | 695               | 822<br>698     | 16          |        |
| 76/ 75           | . 2              |                | 1.6   |              |              |   | 7           | -              | i              | - 1           |         | İ       |         |              |               |          |             |                   |                |             |        |
| 74/ 73           | • •              | • 2            |       |              |              |   |             | <del> </del>   |                | -+            |         |         |         | <del> </del> | ·i            |          |             | . <u>91</u><br>14 | 9 <u>1</u>     | 760         |        |
| 72/ 71           | 3                | . 1            | ••    | 7            | 1 .          | 1   | 7           |                | !              |               |         |         |         |              |               |          | ļ           | 3                 |                |             |        |
| 70/ 69           |                  | <del>-</del>   |       |              | <del> </del> | <del> </del>                                  | ·           | <del> </del>   | i              | +             |         |         |         | <del> </del> |               | -        | -+          | <del>-</del> -    | _ =            | 72          |        |
| 68/ 67           | 1                | 1              |       |              |              |   |             | 1              |                |               |         |         |         | Ì            |               |          |             | 1                 |                | 19          |        |
| 66/ 65           | -+               |                |       | <u> </u>     |              |   | 1           | 1              |                | <del>  </del> |         |         |         |              |               |          | 1           | + +               |                | 3           | 3      |
| 64/ 63           |                  |                |       |              | L            | 1   | 1           | i              |                |               |         |         |         |              |               |          | i           |                   | j              | 1           | 1      |
| 62/ 61           |                  |                |       | }            |              | 1   |             |                |                |               |         |         |         |              |               |          | T           |                   |                |             |        |
| 60/ 59           |                  |                |       |              |              |   | <u> </u>    |                |                |               |         |         |         |              | <u> </u>      |          |             | <u>.</u>          |                |             |        |
| 58/ 57           |                  | أي .           |       |              |              |   | 1           |                |                |               |         |         |         |              |               |          |             |                   |                |             |        |
| TOTAL            | .4               | 4,5            | 32.5  | 40.8         | 13.9         | 1.1   | 8           | ļ              | <u> </u>       |               |         |         |         |              |               |          |             | ļ                 | 1653           |             | 165    |
| İ                |                  |                |       |              |              |   | İ           |                |                |               |         |         |         |              | i             |          |             | 1650              |                | 1650        |        |
|                  |                  |                |       | L            |              | <b></b>                                       |             | ļ              |                |               |         |         |         | -            |               |          |             | <u> </u>          |                |             |        |
|                  | !                |                |       | 1            |              |   | İ           | ŀ              |                |               |         |         |         |              | l i           |          | İ           | 1 :               |                |             |        |
|                  |                  |                |       | <b></b>      | <u> </u>     | <u>i                                     </u> | +           | <del> </del> - | ├──            | +             |         |         |         | <del> </del> | <b>-</b>      |          | <del></del> | -                 |                |             |        |
|                  |                  | į              |       |              | ļ.           | t   | F           |                | 1              | 1 1           |         |         |         | 1            |               |          |             |                   |                |             |        |
| <del>}</del>     |                  |                |       |              | ·            | <del> </del>                                  | +           |                |                | + +           |         |         |         | <del></del>  | <del>  </del> |          | +           | <del> </del> -    |                |             |        |
| 1                |                  | i              |       | i            |              |   |             | !              | !              |               |         | i 1     |         |              |               |          |             |                   | :              | }           |        |
| f                | <del>-</del>     |                |       | •            | ·            | •   |             | į              |                | 1 1           |         |         |         | <del> </del> |               |          | +           | <del>  </del>     | <del>-</del> † |             |        |
| :                | i                | ļ              |       |              | !            | ì   | 1           | ļ              |                | 1 1           |         |         |         | 1            | i             |          |             |                   | 1              | 1           |        |
| <b>├</b>         |                  |                |       | <del> </del> |              | <del> </del>                                  | +           | <del> </del>   |                | +             |         |         |         | <del> </del> |               |          | +           |                   |                |             |        |
| J i              | 1                |                |       |              | i            | ·   | 1           | İ              |                |               |         |         |         |              |               |          |             |                   |                |             |        |
|                  |                  |                |       |              |              |   | 1           | 1              |                | 1 1           |         |         |         |              | 1             |          | 1           | 1                 |                |             |        |
|                  |                  |                |       |              |              |   | 1           |                |                |               |         |         |         |              |               |          | -           |                   | !              |             |        |
|                  | <u>-</u> -       |                |       |              |              |   |             |                |                | 1             |         |         |         |              |               | -        | 1           |                   |                |             |        |
| L                |                  | 1              |       | !<br>        | <u> </u>     | L   | <del></del> | <u> </u>       | L              | $\perp$       |         | L       |         |              |               |          |             |                   | 1              |             |        |
|                  |                  |                |       |              |              |   |             |                |                |               |         |         |         |              |               |          |             |                   |                |             |        |
|                  |                  | i              |       | L.           | ļ            | L   | 1           |                |                |               |         |         |         |              | L j           |          |             |                   |                |             |        |
| ]                | ļ                | ]              |       |              | į            |   |             |                |                |               |         |         |         |              |               |          |             |                   | Ţ              |             |        |
| Element (X)      | E                | X <sup>2</sup> |       |              | z x          |   | X           | <b>€</b> K     | <del>'  </del> | No. Ob        | s.      |         |         |              | Mean N        | lo. of t | lours wit   | h Temperati       | re             |             |        |
| Rel. Hum.        |                  |                | 6479  |              | 1304         | 01  |             | 6.0            | -              | 16            | 50      | ± 0 f   | : [ ;   | 32 F         | ≥ 67          |          | ≥ 73 F      | ≠ 80 F            | ₽ 93 F         | 1           | otal   |
| Dry Bulb         |                  |                | 0109  |              | 1296         |   |             | 1.2            |                | 16            |         |         | 1       |              | 90            |          | 89.6        | +                 | <del></del>    | <del></del> | 9      |
| Wet Bulb         |                  |                | 4389  |              | 1211         |   |             | 1.7            |                | 16            |         |         |         |              | 89            |          | 67.0        |                   | 1              |             | 9      |
| Dew Point        |                  |                | 7944  |              | 117          |   | 71.3        |                |                | 16            | 50      |         |         |              | 86            |          | 29.4        |                   |                |             | 9      |



USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 21603 JOHNSTON ISLAND/PACIFIC IS 45-71 DEC 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Builb Wet Builb Dew Po (F) 62/ 81 80/ 79 78/ 77 76/ 75 2.017.424.3 7.0 4.612.313.9 4.6 1.5 1.8 1.1 .9 .2 .1 .2 .2 2 68 841 844 610 100 15 104 489 634 288 20 187 431 476 658 74/ 73 72/ 71 70/ 69 109 68/ 67 66/ 65 64/ 63 62/ 61 60/ 59 58/ 57 .4 8.433.641.513.0 2.9 1639 1639 1639

No. Obs.

1639 1699 1639

1639

And the same

79.1 7.120 76.8 1.373 71.7 2.193 69.8 2.986

129622

129979

Mean No. of Hours with Temperature

92.0 33.6

93.0

267 F 273 F 280 F 293 F

93

VETAC FORM 0-26-5 (OLA) SEYSED IN

Element (X)

Dry Bulb Wet Bulb 10334332

9947013 8429170 7920198

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DATA PROCESSING BRANCH

2 DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

21603 JOHNSTON ISLAND/PACIFIC IS 45-71 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500

| Dry Buib<br>Wet Bulb |     | 950              | 7904   |  | 1294           |              |              | 1,4        |         | 10           | 35       |  | +-   |  |  | 9.9         | 91.     |  | <b>-</b>   | -+        | 9      |
|----------------------|-----|------------------|--|--|----------------|--------------|--------------|------------|---------|--------------|----------|--|--|--|--|-------------|---------|--|------------|-----------|--------|
| Rel. Hum.            |     | 7032             | 3107   | 1  | 129            |              | 79.1         | 7.1        | 64      |              | 35       | ₹ 0  | F :  | 32 F   |  | 7 F         | ≠ 73 F  | > 80 F   | 2 93 F     | <u>'</u>  | Total  |
| Element (X)          |     | Z <sub>X</sub> ' |  |  | Z X            |              | ¥            | <b>₹</b> , | I       | No. Ob       |          |  |  |  |  | -           |         | th Temperat                                      |            |           |        |
|                      |     |                  |  |  |                |              |              |            |         |              |          |  |  |  |  |             |         |  |            |           |        |
|                      |     |                  |  | ļ  |                |              | <del> </del> |            |         |              |          | <del> </del>                                     |  | <b></b>  | ├  | +-          |         |  |            | <u> </u>  |        |
|                      |     |                  | <del></del> -                                    | <u> </u>   |                |              | † <u> </u>   | <u> </u>   |         |              |          | <del>                                     </del> |  |  |  | 1           |         | 1  |            |           |        |
| į                    |     |                  | 1  |  |                | 1            |              |            |         |              |          | ł  | 1  | 1  | 1  |             | ł       | } ]  |            |           |        |
|                      |     |                  | ļ  |  | <b> </b>       | <del> </del> |              |            |         |              |          | -  |  | ļ <u>-</u> .                                     |  | ـ           |         | <del></del>                                      |            | ļ         |        |
|                      |     | <b>-</b> -       | <del>                                     </del> | <del>                                     </del> |                |              |              | -          |         | <b>†</b>     |          |  | <del>                                     </del> | <del>                                     </del> |  | +-          | _       | +  |            |           |        |
|                      |     |                  |  |  | 1              | 1            |              | }          |         |              |          | ł  |  |  | ł  | -           |         | 1  |            |           |        |
|                      |     | <u> </u>         |  |  |                | <u> </u>     |              |            |         | 1            |          |  | <u> </u>   |  | <u> </u>   | 4           |         | <del>                                     </del> |            |           |        |
| +                    |     |                  |  |  | <del> </del> - |              |              |            |         | 1            |          | <del> </del>                                     | -  | -  | <del>                                     </del> | +           | +       | 1  |            |           |        |
|                      |     |                  |  |  |                |              |              |            |         |              |          |  |  | -  |  |             |         |  |            |           |        |
|                      |     |                  | <u> </u>   |  |                |              |              |            |         |              |          | L  |  |  | <u> </u>   |             |         | <u> </u>   |            | L         |        |
|                      |     |                  |  | <del> </del>                                     |                | -            | <del> </del> |            |         | +            |          | <del> </del>                                     |  |  |  | +           |         | 1  |            |           |        |
|                      |     |                  |  | T  |                |              |              |            |         |              | -        |  |  |  |  |             |         |  |            |           |        |
|                      |     |                  | }  | }  |                | }            |              |            |         |              |          | 1  | 1  | ]  |  |             | İ       | 1093   | İ          | 1032      |        |
| ITAL                 | . 3 | 8.4              | 35.0   | 41.4   | 11.5           | 3,2          | •1           |            |         | <del> </del> | <u> </u> |  | <del> </del>                                     |  |  | +-          | -       | 1635   | 1698       | 1635      | 16     |
| 58/ 57               |     |                  |  |  |                |              |              |            |         |              |          |  |  |  |  | T           |         |  |            |           |        |
| 62/61                |     |                  | }  |  |                |              | ]            | [ [        |         |              |          |  | [  | 1  |  |             |         |  | ļ          |           |        |
| 64/ 63               |     |                  |  |  |                |              |              |            |         | 4            |          |  | <b> </b> -                                       |  | <u> </u>   | <del></del> |         | 1  |            | 6         | - 5    |
| 66/ 65               |     |                  |  |  |                |              |              |            |         |              |          |  |  |  |  |             | 1       |  |            | 48        | 10     |
| 70/ 69               |     | • 1              |  | 1  |                |              |              |            |         |              |          | -  | ĺ  |  | ł  |             |         | 2  | 2          | 357<br>83 |        |
| 72/ 71               | . 1 | .7               | .2   | .4   |                |              | L            |            |         | <b></b>      |          |  | ļ  |  |  |             |         | 26   |            | 615       | 39     |
| 74/ 73               | .2  |                  | 4.1  | . 9  | .6             | 1.0          |              |            |         | _            |          |  |  |  |  | +           | +       | 111  | 126        |           | 1      |
| 78/ 77<br>76/ 75     |     | 1.5              | 10.0   | 20.5   | 5.3            |              | •1           |            |         |              |          | 1  |  |  |  | 1           |         | 715  | 720<br>784 | 89        |        |
| 80/ 79<br>78/ 77     |     |                  | 1.1  | 1.1  | .1             | .1           |              |            |         |              |          |  |  |  |  |             |         | 39   | 39<br>720  |           |        |
| 82/ 81               | - 0 | 1 . 2            | 3 - 4  | • 1  | / - 8          | 9 - 10       | 111 - 12     | 13 - 14    | 13 - 10 | 17 . 18      | 19 - 20  | 21 - 22  | 23 - 24  | 23 - 20  | 21 - 20  | 27 -        | 30 231  | 1  | 1          | wer build | Dew re |
| Temp.<br>(F)         | 0   | 1 . 2            | 3 - 4  | 5 - 6  | 7 .            |              | BULB         |            |         |              |          |  | 22 24  | 25 24  | 27 2   | 20          | 30 ≥ 31 | TOTAL<br>D.B. W.B.                               | Dev Bulh   | TOTAL     | Daw P. |

FORM 0-26-5 (OL.A) service retyons commons of this folking

AFETAC FORM

DATA PROCESSING BRANCH USAF ETAL AIR WEATHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

21603 JUHNSTON ISLAND/PACIFIC IS DEC 45-71 0600-0800 HOURS (L. S. 7.) PAGE 1

| Temp.          |       |       |                |              |                 | WET            | BULB           | TEMPER        | RATURE         | DEPRE         | SION | (F)            |  |              |              |                |  | TOTAL          |              | TOTAL          |  |
|----------------|-------|-------|----------------|--------------|-----------------|----------------|----------------|---------------|----------------|---------------|------|----------------|--|--------------|--------------|----------------|--|----------------|--------------|----------------|--|
| (F)            | 0     | 1 - 2 | 3 - 4          | 5 - 6        | 7 - 8           |                |                |               |                |               |      |                | 23 - 24  | 25 - 26      | 27 - 28      | 29 - 30        | ≥ 31   | D.B. W.B.      | Dry Bulb     |                | Dew Po   |
| 84/ 83         |       |       |                | 1            | <u> </u>        | • 1            |                |               |                |               |      |                |  |              |              |                | 1  | 1              | 1            |                | <b>†</b>   |
| 82/ 81         |       |       | .1             | . z          | 2               |                |                |               |                | 1             |      | 1              | 1  | 1            | ł            | 1              | }  | 1 5            | ا ا          |                | 1  |
| 80/ 79         |       | . 1   | 1.5            | 4.9          | 2.              |                | <del> </del> - |               | <del> </del>   | 1             |      |                | <del>                                     </del> | <del> </del> |              | <del> </del> - | <del>                                     </del> | 166            | 167          | <del> </del>   | <del>                                     </del> |
| 78/ 77         | - (   | 1.6   | 13.4           | 21.4         | 8.6             | 1.3            | . 3            | i             | 1              | 1 1           |      | İ              | Í  | Í            | Í            | (              | (  | 764            |              |                | Ŕ  |
| 76/ 75         |       | 2.3   | 3.0            | 21.4         |                 | 2.1            |                |               | <del> </del>   | 1             |      |                |  |              |              |                |  | 573            |              |                | 2  |
| 74/ 73         | . 1   | 2.3   | 1.             | . 7          |                 |                |                |               | ]              | 1 1           |      | 1              | ĺ  | [            | [            | 1              | Í  | 95             |              |                | , ,  |
| 72/ 71         | . 1   |       |                | 2 .2         | 2               |                |                |               | <del> </del>   | 11            |      | <del> </del>   | <del> </del>                                     | <del></del>  |              |                | <del> </del> -                                   | 21             |              |                |  |
| 70/ 69         | î     | . 2   |                |              |                 | 1              | 1              | {             | {              | 1             |      | ł              | {  | ł            | 1            | ł              | l  | -              | -            | 304            | 4.5  |
| 68/ 67         | - • • | -:1   | + ••           |              | <del></del>     | <del> </del>   | <del> </del> - |               | <del> </del> - | <del>  </del> |      | <del> </del>   |  | <del> </del> | <del></del>  | <del> </del>   | <del> </del>                                     | <del></del>    | <del> </del> | 82             | 36   |
| 66/ 65         | í     | • •   | 1              | 1            | 1               |                | 1              | 1             |                | 1             |      | 1              | }  | ]            |              | )              |  | 1              | 1 *          | 47             |  |
| 64/ 63         |       |       | <del> </del>   | ╁            | ┼               | <del>}</del> - | +              | <del> </del>  | <del> </del>   | +             |      | <del> </del> - |  | <del> </del> | <del> </del> | <del> </del>   | <del> </del>                                     | <del> </del>   | <del> </del> | 12             |  |
| 62/61          | - 1   |       | 1              | }            | 1               | 1              | }              | ļ             | 1              |               |      | j              | ļ  |              | l            |                | 1  | 1              | (            | 4.5            | 4  |
| 60/ 59         |       |       |                | <del> </del> | <del> </del>    | +              | +              | <del></del>   | <del> </del>   | ┿╌╌┼          |      | <del> </del> - |  | <del> </del> | <del> </del> |                |  | <del> </del>   | <del> </del> | ļ <u>-</u>     | - 2  |
| 58/ 57         |       |       | ]              | 1            | )               | 1              |                |               | 1              | 1 1           |      | 1              | 1  |              | ĺ            | 1              |  | 1              |              | 1              | . •  |
| 36/ 35         |       |       |                | <del> </del> | <del> </del>    | <del> </del>   | <del></del>    |               | <del></del>    | <del></del>   |      | <del> </del>   |  | <del></del>  |              |                |  | <del> </del>   | <del> </del> | <del> </del>   | <del></del>                                      |
| GTAL           | ,     | 7.1   | 20 0           |              | 14.1            | 4 4            | . 9            | l             | {              | 1 1           |      | 1              | ł  | ł            |              | 1              | 1  | 1              | 1699         | l              | 163  |
| UTAL           | • 3   | 7 . 1 | 30.0           | 16567        | 10.1            | 7.6            | • • •          |               |                | ┼──┼          |      | <del> </del>   |  | <del> </del> |              |                | <del> </del>                                     | 1637           |              | 1637           | 103  |
|                |       |       | į              | 1            | 1               | 1              | 1              | 1             | }              | 1             |      | !              | ]  | 1            |              | 1              |  | Tasi           |              | 1031           | Ί  |
| <del></del> i- |       |       | <del> </del>   | <del></del>  | <del> </del>    | <del> </del>   | <del> </del>   |               | <del> </del>   | ++            |      | ├              |  |              | <del> </del> |                | <del> </del>                                     | <del> </del> - | <del> </del> | <del></del> -  | <del></del>                                      |
| 1              | ļ     |       | ř              | ļ            | 1               | 1              | }              | ļ             | )              | }             |      | 1              | ļ  | 1            | Į.           | j              | ļ  | Ì              | }            |                |  |
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| Rei. Hum.      |       | Z x'  | 4551           |              | 2 x             | 119            | ₹<br>77.1      | 7             | 28             | No. 06        |      | = 0            |  | 32 F         |              |                | 73 F   | h Tempera      |              | <del>-</del> T | Total  |
| Dry Bulb       |       | 1003  | 111            | <del>}</del> | 130             |                | 74.            | 1.6           | 30             | 16            |      | = 0            | -  | 32 F         | ≥ 67         |                | 91.4   | ≥ 80 F         | <b>≥ 93</b>  | <del></del>    | 10101  |
| Wet Bulb       |       | 777   | 743            | <del>]</del> | 117             |                | 41.            | 2.2           | 17             | 16            | 4    |                | -  |              | - 11         | - 1            | 32.2   | <del>}</del>   | ₹            |                |  |
| ME1 BUID       |       | 410   | 0036           | 7)           |                 | 38             | 69.1           | 7 <b>6•</b> 2 | 37             | 10:           | 36   |                |  |              |              | • 🖜            | 3616   | 4              | 1            | l              | ;  |

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** JOHNSTON ISLAND/PACIFIC IS DEC 0900-1100 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 1.0 1.2 .9 .2 1.2 5.3 6.7 4.7 .6 4.417.515.4 5.4 1.0 9.1 7.9 4.4 2.0 1.2 2.4 .9 .6 .6 .4 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | 2 31 | D.B. W.B. Dry Bulb Wet Bulb Dew Poin 86/ 85 84/ 83 82/ 81 80/ 79 .2 344 . 1 340 723 368 760 383 78/ 77 287 76/ 75 106 264 73 616 72/ 71 423 426 70/ 69 417 68/ 67 219 109 57 64/ 63 29 62/ 61 23 60/ 59 58/ 57 56/ 55 TOTAL 1696 .1 3.615.032.930.413.6 3.5 1636 1636 ŝ 0.26-5 8995009 10654831 8673858 120513 134365 119060 114371 1696 1696 1696 ≥ 67 F ≥ 73 F ≥ 80 F Dry Bulb 93 93 

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC 21603 JOHNSTON ISLAND/PACIFIC IS DEC 1200-1400 HOURS (L. S. T. PAGE 1 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 e 31 D.B. W.B. Dry Buib Wer Buib Dew Poin 88/ 87 86/ 85 84/ 83 209 1.1 2.1 4.3 1.4 8.113.9 3.112.011.9 3.4 3.4 2.1 2.1 4.3 3.9 8.113.9 9.1 12.011.9 4.9 3.4 2.1 1.5 1.0 . 1 209 82/ 81 80/ 79 571 554 577 31 9 1.6 60g 78/ 77 1.3 193 68 75 1.8 69 66 364 74/ 73 16 605 305 72/ 71 358 117 70/ 69 396 68/ 67 211 60 66/ 63 103 64/63 48 38 60/ 59 50/ 57 11 56/ 55 TOTAL .2 2.911.420.432.819.8 5.7 1635 1639 ತ 0.26-5 Element (X) \$584717 10936490 \$797529 117649 136100 119867 1635 Rel. Hum. 267 F 273 F 280 F 293 F ± 0 F 80.3 2.219 73.3 2.437 70.2 3.399 93 93 93 Dry Bulb 93.0 65,5 92.7 1635 Wet Bulb 1.0

5-3 (UL.A) Entero retrodo spiriono de insciona nel ossociale.

| DATA | PROCESS | ING  | BRANCH  |
|------|---------|------|---------|
| USAF | ETAC    |      |         |
| AIR  | WEATHER | SERV | TCE/MAC |

# **PSYCHROMETRIC SUMMARY**

| Temp.      | $\top$ |     |       |              |       |          | _        | WET    | BU         | .6 1           | TEMP   | ER/  | TURE    | DEP      | RES      | SION   | F)       |         | _    |         |           |       |          |              | TOTAL  |  | TOTAL       |              |
|------------|--------|-----|-------|--------------|-------|----------|----------|--------|------------|----------------|--------|--|---------|----------|----------|--------|----------|---------|------|---------|-----------|-------|----------|--------------|--|--|-------------|--------------|
| (F)        |        | 0   | 1 - 2 | 3 - 4        | 5 - 6 | 7 -      | 8        | 9 - 10 | 11 -       | 12             | 13 - 1 | 14   | 15 - 16 | 17 -     | 18 1     | 9 - 20 | 21 - 2   | 22 23   | . 24 | 25 - 20 | 6 27      | - 28  | 29 . 30  | ≥ 31         | D.B. W.B   | · Dry Bulb                                       | Wet Buib    | Dew Por      |
| 88/ 87     | 7      | _   |       | <del> </del> |       | 1        | 7        | •1     | † <u> </u> |                | -      |  |         | +        |          |        | -        | +       | -    |         | -         |       |          | 1            | <del>                                     </del> | 1  |             | 1            |
| 86/ 8      |        |     |       | 1            |       | 1        | Ì        | i      | 1          | . 1            | ]      |  | . 1     | ıl       | 1        |        |          | 1       |      | i       |           |       |          |              |  |  |             | i            |
| 84/ 83     | 1      |     |       | .1           | 1     | 1 1      | B        | .,     |            | .1             | _      | 1  |         | 1        | $\dashv$ |        |          | +       | -    |         | +         |       |          | <del> </del> | 61   | 61   | <del></del> | <del> </del> |
| 82/ 81     |        |     | • 1   |              |       |          | 4        | 3.8    |            | . 5            |        | 1  |         |          |          |        |          |         |      |         | ļ         |       |          |              | 29   |  |             | İ            |
| 80/ 79     |        |     | - 4   | 4.           |       | 16.      | Á        | 4.3    |            | <del>. 3</del> | ├      | +  |         | +        | +        |        |          | +-      |      |         | +         |       |          | +            | 702  | 721  | 1           |              |
| 78/ 77     |        |     | 2     | 1 "          |       |          | •        | 2.4    |            | . 2            | ] _    | 1  |         | }        |          |        |          |         |      |         |           |       |          |              | 400  |  |             | ر و          |
| 76/ 7      |        |     | 1 6   | 1            | 1.    |          |          |        |            | <del>:</del>   |        | •  |         | ┼        | +        |        | -        | 4-      |      |         |           |       |          | ┼            | 13!  |  |             |              |
|            |        |     | 1.5   | 3.3          |       |          |          | .7     | 1          | ٠.             |        | - }  |         | ļ        | - [      |        |          | Ţ       |      |         | ]         |       |          |              | 2  |  |             |              |
| 74/ 73     |        | -1  |       |              |       | <u> </u> | 1        | 1      | ₩-         |                |        | $\rightarrow$                                |         | ┿        | -+       |        |          | -       |      |         | +-        |       |          | <del> </del> | <del> </del>                                     |  |             |              |
| 72/ 7      |        |     | .1    |              |       | ł        | - }      |        | 1          |                | Ì      |  |         | -        | - [      |        | Į        | Į       |      | i       |           |       |          |              |  | 2  |             | 72           |
| 70/69      | 7      | .1  |       | -1           |       | -        | _        |        | Ь.         |                |        | $\rightarrow$                                |         | ļ        | _        |        | L        | 4       |      |         | 4-        |       |          |              | <del>                                     </del> | 3 3  |             |              |
| 60/ 6      |        | 1   | 1     | 1 • 3        | L)    | 1        | - }      |        | 1          |                | l      | - [  |         | }        | 1        |        | }        | ł       |      |         |           |       |          |              | 1  | կ յ  | 66          |              |
| 66/ 6!     |        |     |       |              |       |          | _        |        | <u> </u>   |                |        | 4  |         | <u> </u> | $\perp$  |        |          | Ш_      |      |         |           |       |          | <u> </u>     |  | ļ  | 17          |              |
| 64/ 69     |        | İ   |       | ĺ            | 1     | 1        | - 1      |        | 1          |                | Ì      | - 1  |         | 1        | 1        |        | ł        | 1       |      |         | 1         |       |          | }            |  | 1  | 2           | 6            |
| 62/ 63     | 1      |     |       | L            |       |          |          |        | <u> </u>   |                |        | ┙  |         | <u> </u> | $\perp$  |        |          |         |      |         | 1         |       |          |              |  |  | <u> </u>    | 4            |
| 60/ 59     |        |     |       |              |       |          | 1        |        | Ī          |                | _      | ſ  |         | ſ        |          |        |          | $\top$  |      |         | T         |       |          |              |  | 1  | 1           | 1            |
| 58/ 57     | 7      |     |       |              | 1     |          |          |        | l          |                |        | $\perp$                                      |         | J        |          | _      |          |         |      |         | .         |       | L        | l            |  | l  | L           |              |
| 56/ 5      | 5      |     |       |              | T     |          | T        |        | Г          |                |        | Т  |         |          |          |        |          | Т       |      |         | T         |       |          |              |  |  |             |              |
| UTAL       |        | . 1 | 3.2   | 15.3         | 32.   | 733.     | Ω.       | 12.2   | 3          | . 2            |        | 2  | . 1     | L)       |          |        | ļ        | 1       |      | 1       |           |       |          | ]            | -  | 1698   |             | 163          |
|            | $\top$ |     |       |              |       |          |          |        |            |                |        | 7  |         | $\top$   | $\neg$   |        |          |         |      |         | 1         |       |          |              | 163  | 3  | 1635        |              |
|            |        |     |       |              | ļ     | -        | $\dashv$ |        | <u> </u>   |                |        | 4  |         | -        | +        |        | <u> </u> | 4       | _    |         | 4         | -     |          | <b>├</b>     | <del> </del>                                     |  |             |              |
|            |        |     |       |              |       |          |          |        | _          |                |        |  |         | <u> </u> |          |        |          |         |      |         |           |       |          |              |  | <u> </u>   |             |              |
|            |        |     |       |              |       |          | 1        |        |            |                |        |  |         |          |          |        |          | }       |      |         |           |       |          |              |  | 1  |             |              |
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|            | +-     |     |       | -            |       | -        | +        |        | -          |                |        | +  |         | -        | +        |        | -        | +       |      |         | ╁         |       |          | -            | +  | <del>                                     </del> | -           | <del> </del> |
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| ·          |        |     |       | ļ            | ļ     | 1_       | _        |        |            |                |        | 1  |         |          | 1        |        |          | $\perp$ |      |         | $\perp$   |       |          |              |  | <u> </u>   | ļ           | ļ            |
|            |        |     |       |              |       |          |          |        |            |                | ]      |  |         |          |          |        |          |         |      |         |           |       |          |              |  |  |             |              |
|            | 1      | _   |       |              |       |          | 1        |        |            |                |        | 7  |         |          |          |        |          | $\top$  | -    |         | T         |       |          |              |  |  |             |              |
| Element (X | 0      |     | Σχ'   | L            | +     | ZX       | _        | $\Box$ | ¥          |                |        | - <u>-                                  </u> | T       |          | Obs.     |        | <u> </u> | Щ.      |      |         | M         | ean P | lo, of H | lours wi     | th Tempere                                       | ture   | <u> </u>    |              |
| Rel. Hum.  | T      |     | 900   | 936          | L]    | 120      | 06!      | 51     | 73         |                | 8.     | 06   | 32      |          | 161      | 5      | ≤ (      | 0 F     | •    | 32 F    |           | ≥ 67  |          | 73 F         | ≥ 80 F   | ₹ 93   | F           | Total        |
| Dry Bulb   |        |     | 1062  | 675          | D     | 134      |          |        | 79         | • 1            | 2.     | O  | 3 0     |          | 69       | 1      |          |         | П    |         |           | 93    | . d      | 92,          | 7 41   | 7  |             | •            |
| Wet Bulb   |        |     |       | 339          |       | iil      |          | 14     | 72         | . •            | 2.     | 3  | 23      |          | 63       | Š      |          |         |      |         | 1         | ΨĬ    |          | 52.          |  |  |             | •            |
| Dew Point  | -+-    |     |       | 13310        |       | 11       | . 7      | 12     |            |                | 3.     |  |         |          | 61       | 1      |          |         | t -  |         | +         | 80    |          | 11.          | -  |  |             | •            |

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMAR; USAF ETAC AIR WEATHER SERVICE/MAC JUHNSTON ISLAND/PACIFIC IS 45-71 DEC 1800-2000 HOURS (L. S. T.) PAGE 1 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | 231 | D.B. W.B. Dry Bulb Wer Bulb Dew Point 82/ 81 80/ 79 78/ 77 4.7 8.3 257 2 4.7 8.3 2.0 .4 1.014.629.113.1 2.0 2.3 5.9 6.8 3.1 1.2 1.0 .6 .2 .5 .3 991 1006 320 368 44 45 76/ 75 154 32 203 74/ 73 72/ 71 70/ 69 1.0 596 237 435 • 1 453 66/ 67 83 307 92 64/ 63 56 62/ 61 60/ 59 417 58/ 57 1699 .4 5.625.944.818.7 3.9 1635 1635 1635 3 ğ 0-26-5 Element (X) Mean No. of Hours with Temperature 126767 131185 117654 77.9 7.169 77.2 1.502 72.0 2.177 69.6 3.012 9912653 10133027 8474084 1635 Rel. Hum. 267 F 273 F 280 F 293 F 5 0 F ≤ 32 F 92.9 91.8 92.0 39.1 13.9 Dry Bulb 3,2 Wet Bulb 7925008 1635

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USAF ETAC AIR WEATHER SERVICE/MAC 21603 JOHNSTON ISLAND/PACIFIC IS
STATION NAME 45-71 DEC PAGE 1 2100-2300 2.018.129.3 7.9 2.018.129.3 7.0 2.99.99.6 4.0 .2 1.6 1.5 .8 .5 | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL | TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. 82/ 81 80/ 79 78/ 77 76/ 75 120 958 2.2 521 81 13 468 74/ 73 72/ 71 70/ 69 512 80 183 480 631 231 476 274 85 68/ 67 86 66/ 65 35 51 62/ 61 36 60/ 59 58/ 57 16 TOTAL .2 6.932.743.512.9 8.4 1696 1628 1628 1628

No. Obs.

1628

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**PSYCHROMETRIC SUMMARY** 

Mean No. of Hours with Temperature

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93 93 93

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DATA PROCESSING BRANCH

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10155704

10003550 8412958 7899062

■ NSAFETAC

Element (X)

Rei. Hum.

Dry Bulb

Wet Bulb Dew Point DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS 45-72 MAR HRS LST IAN FFR APR. MAY JUN. ш AUG. SEP OCT NOV ANNUAL 75.2 75.0 75.1 75.6 77.0 78.0 78.8 79.3 79.5 79.1 78.1 76.5 1.586 1.365 1.441 1.365 1.276 1.098 1.066 1.044 1.087 1.336 1.306 1.373 77.3 00-02 S D 2.098 TOTAL OBS 1637 1519 1701 1735 1797 1712 1762 1763 1710 1767 1651 1699 20453 74.8 74.6 74.7 75.5 76.6 77.7 78.4 79.0 79.1 78.8 77.7 76.2 1.594 1.375 1.415 1.384 1.269 1.041 1.063 1.077 1.125 1.351 1.312 1.400 77.0 03-05 S D 2.105 TOTAL OBS 1636 1519 1702 1736 1797 1712 1767 1763 1707 1767 1652 1698 20456 75.3 75.2 75.4 76.4 77.8 78.9 79.5 80.1 80.2 79.7 78.5 76.7 1.772 1.610 1.708 1.653 1.471 1.428 1.377 1.393 1.487 1.575 1.559 1.630 77.8 MEAN 06-08 S D 2.409 TOTAL OBS 1643 1519 1702 1736 1795 1711 1767 1764 1704 1762 1650 20452 78.1 78.0 78.3 79.3 80.6 81.7 82.4 83.0 83.2 82.6 81.2 79.2 2.065 2.087 2.104 1.993 1.897 1.584 1.736 1.866 1.893 1.947 1.871 1.980 80.7 MEAN 09-11 S D 2,686 1792 1710 1765 1763 TOTAL OBS 1642 1517 1702 1736 1710 1768 1653 20454 79.3 79.4 79.6 80.4 81.7 82.9 83.6 84.1 84.3 83.5 82.1 80.3 2.316 2.213 2.341 2.253 2.071 1.743 1.904 2.028 1.993 2.096 1.998 2.219 MEAN 81,8 12-14 S D 2,782 TOTAL OBS 1645 1520 1703 1735 1797 1711 1765 1766 1709 1767 1650 1695 20463 78.2 78.4 78.4 79.2 80.5 81.9 82.7 83.1 82.9 82.1 80.7 80.6 2.207 2.020 2.227 2.164 2.184 1.893 1.956 2.024 2.001 2.054 1.951 2.088 2.736 TOTAL OBS 1645 1519 1701 1737 1798 1712 1764 1766 1708 1766 1651 20465 76.0 76.0 76.1 76.9 78.1 79.3 80.0 80.5 80.5 80.0 78.8 77.2 1.586 1.469 1.608 1.535 1.516 1.329 1.298 1.267 1.323 1.374 1.350 1.502 MEAN 78.3 S D 2,233 18-20 TOTAL OBS 1645 1519 1699 1735 1797 1713 1765 1765 1710 1765 1654 1699 20466 75.5 75.4 75.5 76.3 77.5 78.5 79.3 79.9 80.0 79.5 78.4 76.8 1.474 1.340 1.408 1.348 1.264 1.088 1.028 1.070 1.060 1.267 1.270 1.402 21-23 S D 2,101 TOTAL OBS 1645 1519 1700 1734 1796 1711 1760 1766 1708 1759 1653 1696 20447 76.6 76.5 76.6 77.5 78.7 79.9 80.6 81.1 81.2 80.7 79.4 77.8 2.444 2.427 2.515 2.465 2.444 2.359 2.383 2.389 2.382 2.354 2.226 2.253 13138 12151 13610 13884 14369 13692 14113 14116 13666 14121 13214 13580 2.961 S D HOURS. TOTAL OBS 163656

USAFETAC FORM 0-89-5 (OLI)

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DATA PROCESSING BRANCH USAF ETAC AIR HEATHER SERVICE/MAC

#### **MEANS AND STANDARD DEVIATIONS**

#### WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

JOHNSTON ISLAND/PACIFIC IS 45-72 21603

YEARS STATION NAME

| RS EST                                |           | JAN        | FEB.  | MAR     | APR.  | MAY   | JUN.  | JUL   | AUG           | SEP.  | OCT.  | NOV   | DEC   | ANNUAL |
|---------------------------------------|-----------|------------|-------|---------|-------|-------|-------|-------|---------------|-------|-------|-------|-------|--------|
|                                       | MEAN      | 70.3       | 70,0  | 70.2    | 71.4  | 72.4  | 73.2  | 73,8  | 74.6          | 74.4  | 74.3  | 73.3  | 71.7  | 72.    |
| 20-00                                 | S D       | 2,480      | 2.265 | 2,295   | 1.790 | 1.506 | 1.305 | 1.383 | 1.349         | 1.302 | 1.387 | 1.766 | 2.153 | 2.41   |
|                                       | TOTAL OBS | 1559       | 1489  | 1698    | 1702  | 1707  | 1697  | 1762  | 1763          | 1707  | 1767  | 1648  | 1639  | 2019   |
|                                       |           |            |       |         |       |       |       |       |               |       |       |       |       |        |
|                                       | MEAN      | 70.0       | -     |         | 71.1  |       |       |       |               |       |       | 73.0  | 71.5  | 72.    |
| 03-05                                 | 5 D .     | 2,489      |       |         |       |       |       |       |               |       |       | 1.748 | 2.155 | 2.42   |
|                                       | TOTAL OBS | 1558       | 1489  | 1698    | 1703  | 1766  | 1697  | 1767  | 1762          | 1704  | 1767  | 1649  | 1635  | 2019   |
|                                       |           |            |       |         |       |       |       |       |               |       |       |       |       |        |
|                                       | MEAN      | 70.1       | 69,9  |         | 71.5  |       |       |       |               |       | 74,5  |       | 71.5  | - •    |
| 06-08                                 |           |            |       |         |       |       |       |       |               |       |       |       | 2.237 |        |
|                                       | TOTAL OBS | 1565       | 1489  | 1698    | 1705  | 1766  | 1697  | 1767  | 1764          | 1701  | 1762  | 1644  | 1637  | 2019   |
|                                       | +         |            |       |         |       |       | -, -  |       |               |       |       |       |       |        |
|                                       | MEAN      |            | 71.3  |         | 72.9  |       |       |       | 75.9          |       | 75.7  |       | ,     | 73,    |
| 09-11                                 |           |            |       |         |       |       |       |       |               |       |       |       | 2.380 | 2.57   |
|                                       | TOTAL OBS | 1564       | 1988  | 1701    | 1702  | 1703  | 1040  | 1/02  | 1703          | 1707  | 1767  | 1645  | 1636  | 2020   |
| · · · · · · · · · · · · · · · · · · · |           | 70.0       | 41 0  | 70 /    | 70 4  | 74 8  | 78 1  | 75 0  | 94.3          | 74.9  | 74.0  | 28.0  | 73.3  | 74.    |
|                                       | MEAN      |            | 71.9  |         |       |       |       |       |               |       |       |       |       | 2.57   |
|                                       | S D       |            |       | 1702    |       |       |       |       |               |       |       |       | 2.437 | 2021   |
|                                       |           | 1297.      | 1776  | I / UZ. |       | 1797. | 1077  | 1103  | 1/90          | 1707  | 1 (00 | TOMO  | 1032  | EUET   |
|                                       | MEAN      | 71.5       | 71.5  | 71.7    | 72.8  | 72.0  | 74.7  | 75.4  | 74.0          | 75.8  | 75.4  | 74.2  | 72.7  | 73.    |
| 15-17                                 |           |            |       |         |       |       |       |       |               |       |       |       | 2.323 |        |
|                                       | TOTAL OBS | 1507       |       | 1699    |       |       |       | 1764  |               |       |       |       |       | 2022   |
|                                       |           | A 7 . V 1. |       |         | ,     |       |       |       |               |       |       |       |       |        |
|                                       | MEAN      | 70.8       | 70.5  | 70.7    | 71.8  | 73.0  | 73.7  | 74.4  | 75.0          | 74.9  | 74.6  | 73.6  | 72.0  | 73.    |
| 18-20                                 | \$ D      |            | 2.292 | 2.226   | 1.787 | 1.611 | 1.340 | 1.423 | 1.375         | 1.319 | 1.398 | 1.723 | 2.177 | 2.40   |
|                                       | TOTAL OBS | 1570       |       |         |       |       |       | 1765  |               |       | 1765  |       |       | 2022   |
|                                       |           |            |       |         |       |       |       |       |               |       |       |       |       |        |
|                                       | MEAN      | 70.6       |       | 70.5    |       |       |       |       |               |       |       |       | 71.9  | 72.    |
| 21-23                                 | S D       | 2.438      | 2.248 | 2.204   | 1.728 | 1.548 | 1.266 | 1,369 | 1.326         | 1.261 | 1.394 | 1.755 | 2.126 | 2,38   |
|                                       | TOTAL OBS | 1568       |       | 1699    |       |       |       |       | 1766          | 1708  |       | 1650  |       | 2019   |
|                                       |           |            |       |         |       |       |       |       | <del></del> ; |       |       |       |       |        |
| A11                                   | MEAN      |            |       |         |       |       |       |       |               |       |       |       | 72.2  |        |
| ALL<br>HOURS                          | 5 D       |            |       |         |       |       |       |       |               |       |       |       | 2.339 | 2.58   |
|                                       | TOTAL OBS | 12518      | 11923 | 13594   | 13625 | 14131 | 13388 | 14115 | 14115         | 13654 | 14118 | 13181 | 13080 | 16164  |

USAFETAC FORM (0.89-5 (OLI)

DATA PROCESSING BRANCH-USAF ETAC AIR FEATHER SERVICE/MAC

#### MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS 45-72

5'A' ON STATION NAME FEB AUG ОСТ HRS (ST MAR NOV DEC 69.5 68.0 67.6 67.9 69.3 70.4 71.0 71.7 72.6 72.3 72.3 71.2 70.4 00-02 SD 3.444 3.230 3.132 2.344 1.951 1.709 1.761 1.734 1.664 1.609 2.412 2.986 2.969 TOTAL OBS 1500 1489 1767 1697 1762 1763 1704 1767 1648 1639 1695 1702 20193 67.7 67.3 67.7 69.1 70.2 70.8 71.5 72.3 72.1 72.1 71.0 69.2 3.469 3.304 3.152 2.303 1.956 1.770 1.833 1.745 1.720 1.809 2.402 2.964 MEAN 70.2 03-05 50 2,988 TOTAL OBS 1559 1489 1695 1766 1697 1767 1762 1701 1766 1649 1702 20188 1635 67.7 67.4 67.8 69.3 70.5 71.2 71.8 72.5 72.4 72.3 71.1 69.2 3.535 3.429 3.288 2.468 1.981 1.835 1.805 1.794 1.723 1.861 2.460 3.123 70.3 3.099 1505 1489 1695 1705 1760 1697 1767 1764 1698 1762 1644 1636 20188 TOTAL OBS 68.4 68.2 68.7 70.2 71.2 71.8 72.5 73.1 73.1 73.0 71.8 69.9 3.704 3.693 3.485 2.692 2.258 1.946 2.115 2.083 1.874 2.112 2.561 3.382 71.1 S D 3.235 09-11 1504 1488 1698 1702 1765 1698 1765 1763 1704 1767 1645 1636 TOTAL OBS 20195 68.6 68.5 69.1 70.3 71.4 72.0 72.7 73.2 73.2 73.0 74.0 10.c 3.751 3.738 3.581 2.829 2.403 2.128 2.238 2.140 1.954 2.221 2.655 3.399 71.3 3.267 5 D TOTAL OBS 1567 1491 1699 1700 1767 1698 1765 1766 1706 1765 1646 1634 20204 68.5 68.3 68.7 70.0 71.2 71.8 72.5 73.0 72.9 72.7 71.7 69.9 3.581 3.531 3.314 2.584 2.317 2.016 2.060 2.027 1.875 2.034 2.510 3.201 MEAN 15-17 5 D 3,132 TOTAL OBS 1567 1492 1696 1708 1768 1700 1764 1767 1705 1765 1647 20214 1635 68.3 67.8 68.2 69.6 70.7 71.3 72.0 72.8 72.6 72.4 71.3 69.6 3.413 3.289 3.004 2.380 2.106 1.800 1.836 1.805 1.739 1.853 2.345 3.012 1570 1492 1695 1702 1767 1700 1765 1765 1707 1765 1651 1635 70.6 2.974 18-20 S D TOTAL OBS 20214 68.2 67.8 68.2 69.5 70.7 71.3 71.9 72.7 72.6 72.4 71.3 69.6 3.415 3.152 2.994 2.284 2.002 1.692 1.795 1.716 1.654 1.835 2.388 2.933 70.6 2,927 21-23 50 1568 1492 1696 1702 1765 1699 1760 1766 1705 1759 1650 1628 TOTAL OBS 20190 68.2 67.9 68.3 69.7 70.8 71.4 72.1 72.8 72.6 72.5 71.4 69.6 3.555 3.449 3.282 2.528 2.169 1.907 1.979 1.910 1.812 1.971 2.494 3.148 72.8 70.7 MEAN S D 3.098 12520 11922 13569 13623 14131 13586 14115 14116 13630 14116 13180 13078 161586

USAFETAC FORM 0.89.5 (OLI)

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |             |       | PERCENTAC   | SE FREQUENC | Y OF RELATIVE | HUMIDITY G  | REATER THAN    |     |      | MEAN     | TOTAL          |
|-------|----------|-------------|-------|-------------|-------------|---------------|-------------|----------------|-----|------|----------|----------------|
| HTMOM | (Ł.S.T.) | 10%         | 20%   | 30%         | 40%         | 50%           | 60%         | 70%            | 80% | 90%  | RELATIVE | NO. OF<br>OBS. |
|       |          | K 1 1 1 1 1 |       |             | •           |               | 4.          | - :            |     |      |          |                |
|       |          | 1           |       | 11.5        | •           | ,             | 14.         |                |     |      | / • ·    |                |
|       |          | 1 .         |       | t . i       | •           |               |             |                |     |      |          |                |
|       | -<br>    |             | . , , | 1 1700      |             | ,             |             |                |     |      |          |                |
|       |          |             |       | 1.164.11    | 16.00       | Ir da i       | , .         |                | •   |      | : * •    | * • •          |
|       |          |             | •     | 117.        | 160.        | 1.10.1        |             |                |     | •    | , ,      |                |
|       | <u> </u> |             |       | 1:10        | 1, ,        |               | ٠,,         | 75.1           |     |      | <u> </u> | 1.11           |
|       |          |             |       | 1 1 1 4 4 1 | 1000        | 1             | ,. <u>.</u> |                |     | • ** | ,        | ,              |
|       |          |             |       | 1100        | lege.       | 1, ,1 .       | 177.        |                |     |      | , .      | ,              |
| : '   | L        |             |       | 100.0       | 101.        | lou,          | ٠, •        |                |     | ,    | , , ,    | 1 . 1 1        |
|       |          |             |       | 10000       | 1.11.       | 10.           | ,,          | 2.1            | •   | . 7  | , .      | ; , •          |
|       | !        | 2000        |       | tion, i     | 1/37 •      | 17.           | 100         | .9,4           | 1.0 | 1.3  | , .      | , ,            |
| 101   | ALS      | \$ 10 to    |       | 1 )         | 1: ••       | 499           | .,,         | · <b>4</b> • 1 |     | . 1  |          | j ·            |

FORM 0-87-5 (OL 1) USAF ETAC

STATION

STATION STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD

|       | HOURS       |              |             | PERCENTA | SE FREQUENC | Y OF RELATIVE | HUMIDITY G | REATER THAN |      |       | MEAN     | TOTAL<br>NO. OF |
|-------|-------------|--------------|-------------|----------|-------------|---------------|------------|-------------|------|-------|----------|-----------------|
| MONTH | (L.S.T.)    | 10%          | 20%         | 30%      | 40%         | 50%           | 60%        | 70%         | 80%  | 90%   | RELATIVE | OBS.            |
|       | , - t       | £"0.,        |             | 2.000    | (y . a      |               |            | to a r      |      | .,    | 1        | 3 ,             |
|       | · - t       | j. 17 a      | 1.611.      | 100.0    | 101         |               | ,,_        | •           | 44.  | •     | 1        |                 |
|       |             | 1:           | 1000.0      | 100.0    | 196.        | 2,2           |            |             |      | 1     | 17.      |                 |
|       |             | \$ + J • + + | 1,10        | 109.0    | 100.0       | 19.1          | 21.        |             | 1.   |       | 1        | 1 .             |
|       | :           |              | 1 1 1 p 1 s | 100.0    | 100.0       | 0.00          | ( fr • )   | 6.7         | 1.   | • '   | , .      | <u>:</u>        |
|       |             |              |             | 100.6    | 1 af. • i-  | 99.7          | 90.0       | 1.1         | 11.7 | •     |          | 1               |
| 4     | <del></del> | <u> </u>     |             | 1000     | 100.0       | 23.5          | 57.        | 3, 3        | 14.7 | ١.,   | 17.      | . 54            |
|       |             | · .          | 7 f 2.      | £01.0    | 100.0       | 100.0         | 17.        | 6.3         | 40.1 | + - 6 | , .      | 4 14            |
|       |             |              |             |          |             |               |            |             |      |       |          |                 |
|       |             |              |             |          |             |               |            |             |      |       |          |                 |
|       |             |              |             |          |             |               |            |             |      |       |          |                 |
|       |             |              |             |          |             |               |            |             |      |       |          |                 |
| 101   | ALS         | 110.         | 190.0       | 100.     | 160.0       | 29.           | 194.       | 75.1        | 31.1 | 1.4   | 11.      | 1. 1            |

USAF ETAC | FORM | 0-87-5 (OL 1)

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|         | 1 to 1 | / * 1 · 3 / · 5 ; | 1 m/   |       |
|---------|--------|-------------------|--------|-------|
| STATION |        | STATION NAME      | PERIOD | MONTH |

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS          |          |                   | PERCENTAC | GE FREQUENC   | Y OF RELATIVE | HUMIDITY G | REATER THAN |        |       | MEAN     | TOTAL          |
|-------|----------------|----------|-------------------|-----------|---------------|---------------|------------|-------------|--------|-------|----------|----------------|
| MONTH | (L.S.T.)       | 10%      | 20%               | 30%       | 40%           | 50%           | 60%        | 70%         | 80%    | 90%   | RELATIVE | NO. OF<br>OBS. |
|       | (              | 2007a .  | 114               | 100.0     | 5.000         | 111.          |            | 1.01        | 10     | 4.4   | 1        |                |
|       | ٠(             | 100.     | 5 <b>31</b> 0 • 1 | 100.0     | V () (* + + + | 19.           | J •        | ti e f      | • • 3  | 1.1   | 1        | 1 60           |
|       | · ·1           | 1        | 101.1             | t00.0     | 100.          | 99.           |            | 1           |        | • •   | 11.0     | 15.            |
|       | - <u>- 1</u> : | 21000    | 1.36.             | 100.0     | 99.0          | 99.1          | 2974       | ٠.١,        | 1 '.   | i • * | 1        | 14             |
|       | 1.1.1          | 100.     | 1.365             | 1111,0    | 99.7          | 98.           | 34.17      | -5 , 1      | 43.    | 1.7   | 1 ,      | 1 + 4          |
|       |                | <br>     | 10.00             | 100.0     | 100.0         | 99.3          | 40,3       | 7.4         | 1.,1   | (+)   | 11,1     | 1              |
|       |                | , .      | esit ,            | 3.t. 2.+1 | 100.          | 99.9          | 70.1       | 17.9        | 23.60  | 1.4   | 16.      | 1 = 2          |
|       |                | <u> </u> |                   | 100.0     | tidd 📢        | 99.           | 117 .      | 15.6        | 31 . 4 | 5,2   | 77,      | 14             |
|       |                | ļ        |                   |           |               |               |            |             |        |       |          |                |
|       | <del>-</del>   | ļ        |                   |           | ļ <u>.</u>    |               |            |             |        |       |          |                |
|       |                |          |                   | <u> </u>  |               |               |            |             |        |       |          |                |
|       |                | ļ        |                   |           |               |               |            |             |        |       |          |                |
| 101   | ALS            | 100.0    | 10( a )           | 100.0     | toe.e         | 99.5          | 94.2       | 73.2        | 29.3   | 2.6   | 7: . 1   | 11.22          |

USAF ETAC | FORM | 0-87-5 (OL 1)

STATION NAME

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS                                 | i         |            | PERCENTA | GE FREQUENC | Y OF RELATIVE | HUMIDITY G     | REATER THAN |         |           | MEAN     | NO. OF<br>OBS. |
|-------|---------------------------------------|-----------|------------|----------|-------------|---------------|----------------|-------------|---------|-----------|----------|----------------|
| MONTH | (L.S.T.)                              | 10%       | 20%        | 30%      | 40%         | 50%           | 60%            | 70%         | 80%     | 90%       | RELATIVE |                |
|       | 11.45                                 | 100.      | 10,34      | ta4.)    | 10000       | 100,00        |                | £ , 4       |         | 2.0       | 11.      | į, t.          |
|       |                                       | 100.0     | (3)) •     | 100.7    | * (1t) • ·  | 1 - 1 - 11    | 27.4           | 9 • •       |         | • •       | 10.      | Ļe.            |
|       | 1:                                    | 100.      | 100.0      | 100.0    | 1,673 60    | 99.9          | 17.            | 5 - 9       | 5       | . /       | 17.1     | 16             |
|       | -11                                   | ind.      | iu(ia))    | 100.0    | 1gn•r       | 99.9          | 92.            | 4.1         | 1 1 , 5 | ( , , , , | 1.4.     | 1.             |
|       | . 1                                   | 1700.0    | Figure 4.1 | 100.0    | 100.0       | 22.7          | د <b>و</b> و ه | 1           |         | 1.7       | 11.      | 150            |
|       | - ,                                   | 11        | 18.14.     | 100.0    | 100.0       | 59,0          | 92,3           | -1.0        | 1       | 7.1       | 12.      | 15             |
|       |                                       | 1, ., .,  | 167.0      | 100.0    | 100 • 0     | 100.0         | 9н, 1.         | 45.0        | 30 a 5  | 1.0       | 57.      | 16             |
|       | ١,                                    | 21 71 4 4 | 91.        | 100.0    | 100.0       | 100.0         | 99,4           | 2 81 € €    | 19.5    | 7.9       | 18.4     | (6)            |
|       |                                       |           |            |          |             |               |                |             |         |           |          |                |
|       | · · · · · · · · · · · · · · · · · · · |           |            |          |             |               |                |             |         |           | _        |                |
|       |                                       |           |            |          |             |               |                |             |         |           |          |                |
|       |                                       |           |            |          |             |               |                |             |         |           |          |                |
| 101   | ALS                                   | 100 ·     | lan.       | 100.0    | 100.0       | 99.2          | 98.0           | 76.6        | 3° a 2  | 2.2       | 36.      | 1 357          |

USAF ETAC 0-87-5 (OL 1)

STATION STATION NAME

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS       |        |            | PERCENTAC | SE FREQUENC | Y OF RELATIVE | HUMIDITY GE | EATER THAN    |      |       | MEAN     | TOTAL                                 |
|-------|-------------|--------|------------|-----------|-------------|---------------|-------------|---------------|------|-------|----------|---------------------------------------|
| HTMOM | (L.S.T.)    | 10%    | 20%        | 30%       | 40%         | 50%           | 60%         | 70%           | 80%  | 90%   | RELATIVE | NO. OF<br>OBS.                        |
|       | ·(·-()·     | 100.0  | 1,000      | 11:46.00  | 100.0       | 77.1          | 79.         | 11 , 19       |      | •"    | •        | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
|       |             | 100.0  | (1)        | 100.0     | 100.00      | 10.0.         | ,0,         | 11.           | •    |       |          | 17.                                   |
|       | ()          | 100.3  | 160.0      | 100.0     | 100.1       | 100.0         | 17.         | 0.2           |      |       |          | 1                                     |
|       | <b> t</b> ! | tou.   | 100.1      | 100.0     | 100.6       | 972.0         | 97.0        | 9.0           | • •  |       | 1.1      | 11                                    |
|       | 1 1         | 1 :1   | tga.;      | 100.0     | 100.0       | 29.4          | 94.         | -5 <b>.</b> 3 | 11.  | •     |          | 17                                    |
|       | !           | : :: . | 1.8 8 4 .  | 100.0     | 3.00 • ∩    | 99.9          | 96.0        | 9             | 11.1 | 2 g d |          | 170                                   |
|       | ·           | 1      | 1000       | 100.0     | 100.0       | 100.0         | 19.         | 112.2         | 14.4 | Z. 9  | 1 .      | 37.                                   |
|       |             |        |            | 100.0     | 100.0       | 100.0         | 99.         | 36,5          | 4 1  | 2.9   | 19.4     | 110                                   |
|       |             |        | ļ          | ļ         |             | ļ             |             |               |      |       |          |                                       |
|       |             | -      |            |           |             |               |             |               |      |       |          |                                       |
|       |             | -      |            | -         | -           |               |             |               |      |       |          |                                       |
| 101   | AIS         |        | 1 (4(1, 1) | 100.0     | 100.0       | 99.9          | 98.4        | 3.6           | 34.1 | 7,5   | 77.4     | 136,                                  |

USAF ETAC FORM 0-87-5 (OL 1)

STATION NAME

STATION

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|               | HOURS    |         |             | PERCENTA       | GE FREQUENC | Y OF RELATIV | E HUMIDITY GI | REATER THAN |       |       | MEAN     | TOTAL<br>NO. OF<br>OBS. |
|---------------|----------|---------|-------------|----------------|-------------|--------------|---------------|-------------|-------|-------|----------|-------------------------|
| MONTH         | (L.S.T.) | 10%     | 20%         | 30%            | 40%         | 50%          | 60%           | 70%         | 80%   | 90%   | RELATIVE |                         |
| . ¥           | 100000   | 1/0.0   | Futien      | 100.0          | 100 # 11    | 100.0        | 19a• °        | 18 • S      | ,     | . 1   | 4        | 1.7.                    |
|               | 1-1      | 11-11-3 | 100.        | 100.0          | 100.0       | 106+0        | 100.0         | 12.47       | 9     |       | 1.1      | 17.0                    |
| - <del></del> | -()      | 100.0   | 100.5       | 100.0          | 100.0       | 160.0        | 1,9.          | 4           | • • / | -,2   | ٠.       | 7.7                     |
|               | 11       | 100.0   | 100.0       | າກນ•ຍ          | 100.        | 99,9         | 98,7          | -3.0        | 14.1  | 1.47  | 77,      | 110                     |
|               | - 1      | tru.s   | 100.0       | 100.0          | 100.0       | 100.0        | 35.           | -1.0        | 1 , 4 | 1.    | 11.      | 1.7 -                   |
| · <u> </u>    | :1 -     | t o.    | 101.0       | 100.0          | t00.0       | 100.0        | ,1,1          | 49.2        | 11.7  | 1     | 1.       | 17                      |
|               |          | 1.10.0  | 4 6,4 3 4 5 | 100.0          | 100.0       | 79.9         | 99,7          | 23.2        | 33.0  | e • 6 | 11.      | 17                      |
|               | 1        | 1700.   | 17-14       | 100.0          | 100.0       | 100.0        | 100.0         | 17.7        | 4241  | ۲,۶   | 70.      | 17                      |
|               |          |         |             | <del> </del> - |             |              |               |             |       |       |          |                         |
|               |          |         |             |                |             |              |               |             |       |       |          |                         |
|               |          |         |             |                |             |              |               |             |       |       |          |                         |
| TO:           | TALS     | 100.0   | 100.0       | 100.0          | 100.0       | 100.0        | 99.1          | F2.6        | 31.3  | ₹.4   | 77.1     | 14131                   |

USAF ETAC | PORM | 0-87-5 (OL 1)

| <br>STATION NAME | PERIOD      | MON |
|------------------|-------------|-----|
| . 16 1           | (a. 1 cm. / |     |

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |          |           |       | MEAN<br>RELATIVE | TOTAL<br>NO. OF |       |      |        |     |          |        |
|-------|----------|----------|-----------|-------|------------------|-----------------|-------|------|--------|-----|----------|--------|
| HTMOM | (L.S.T.) | 10%      | 20%       | 30%   | 40%              | 50%             | 60%   | 70%  | 80%    | 90% | HUMIDITY | OBS.   |
|       | ' (. +t) | 160.0    | 140.3     | 100.0 | 160.0            | 100.6           | too.  | 19.0 | 3. • 1 | 1,9 | 19.5     | 1397   |
|       | 1.40     | alling 1 | 10: , ,   | 100.0 | 1 U(- • .        | 160.0           | 0.5   | 11.4 | 177.   | • 2 | 10.      | 3.597  |
|       | (- ~()   | 100.0    | 100.0     | 100.0 | 100 • 1          | 0.00            | 100.  | 3    |        |     | 11.      | 17.00  |
|       | 11       | 160.0    | 100.0     | 100.0 | 100.0            | 100.0           | 77.   | 7.1  |        | • 4 | 1        | 1 5 14 |
|       | - 1      | 100.0    | 100.0     | 100,0 | 100.0            | 100.0           | 7/-   | 19.0 | •      | , ų | 6.9.0    | (599   |
|       | 1 1 -    | 1200     | 17110 • 1 | Tun*0 | 100.0            | 100.0           | 97."  | .3.4 | 1.,    | • * | 71.      | 3.7cc  |
|       |          | 1111.    | ten. 5    | 100.0 | ton,c            | 100.2           | 99.9  | -0.5 | 20.3   | 1.1 | 7 . 1    | 1/0    |
|       |          | icu.     | 112(1.    | 100.0 | 100.0            | 100.0           | 100.0 | 17.6 | 19.6   | 1.6 | 78.0     | 1690   |
|       |          |          |           | ļ     |                  |                 |       | ļ    |        |     |          |        |
|       |          |          |           |       | ļ                |                 |       |      |        |     |          |        |
|       | ļ        |          |           |       | ļ                |                 |       |      | -      |     |          |        |
| -     |          |          |           |       |                  |                 |       |      |        |     |          |        |
| TC    | OTALS    | Loc.     | 100.0     | 100.0 | 100.0            | 100.0           | 99,1  | 78.5 | 27.4   | 1.4 | 75.7     | 1,557  |

STATION NAME

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|          | HOURS    |           |             | PERCENTA     | GE FREQUENC | Y OF RELATIV | E HUMIDITY G | REATER THAN         |         |       |      | TOTAL          |
|----------|----------|-----------|-------------|--------------|-------------|--------------|--------------|---------------------|---------|-------|------|----------------|
| MONTH    | (L.S.T.) | 10%       | 20%         | 30%          | 40%         | 50%          | 60%          | 70%                 | 80%     | 90%   |      | NO. OF<br>OBS. |
| . •      | 10.~(    | 100,0     | 2016-9-1    | 100.0        | 100.0       | L(10) + (1)  | 100.         | 1.9.2               | 3 1 . 1 | 1,3   | 19.  | 1 /-           |
|          | (        | 166.      | ' ((t) • .) | 100.0        | 100 • 1     | 100.0        | .00.         | 99.7                | 4 . 4   | 1     | 77,1 | 17             |
|          | · -(     | 100.0     | can, a      | fun.a        | 160.0       | 100-0        | 99.          | 92,0                | 16,3    | ۱ , ۶ | 11.0 | 17.            |
| 3        | -11      | 160.0     | 100,0       | 100.0        | 100.0       | 100.0        | 99,          | 16.0                | • "     | .1    | 12.1 | 1/             |
|          | 1.11     | 100.0     | 100.0       | 100.0        | 100.0       | 100.0        | or, a        | 46) <sub>9 (5</sub> | • 4     | •4    | 11.  | 1.7            |
|          | 1 .      | 1500      | 199.0       | 100.0        | 100.0       | 100.0        | 99.1         | -2.0                | 7,,     | • 11  | 11.0 | 17.            |
|          | 1        | 100.      | 100.0       | 100.0        | 100.0       | 100.0        | 39,0         | 93.0                | 19.1    | ,7    | 75.1 | 11,            |
|          | , ~ 4    | J. F. (1) | 15,6 - 0    | 100.0        | 100.0       | 100.0        | 100.0        | 108.4               | 20.9    | 1.3   | 76.5 | 174,4          |
| <u> </u> |          |           | -           | <del> </del> |             | <del> </del> | 1            | -                   |         |       |      |                |
|          |          |           |             |              |             |              |              |                     |         |       |      |                |
|          |          |           |             |              |             |              |              |                     |         |       |      |                |
| TO       | TALS     | 100.0     | 100.0       | 100.0        | 100.0       | 100.0        | 99.4         | 79.1                | 21.4    | 1.0   | 75.1 | 1411           |

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7 -- 11 [C 1]

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |       |                    | PERCENTAC | GE FREQUENC | Y OF RELATIV | E HUMIDITY G | REATER THAN |              |       | MEAN     | TOTAL<br>NO. OF<br>OBS. |
|-------|----------|-------|--------------------|-----------|-------------|--------------|--------------|-------------|--------------|-------|----------|-------------------------|
| HTMOM | (L.S.T.) | 10%   | 20%                | 30%       | 40%         | 50%          | 60%          | 70%         | 80%          | 90%   | RELATIVE |                         |
|       | 00-0     | 100.0 | 14,00              | 100.0     | 100.0       | 100.0        | 100.7        | 69,1        | 1 1 g 12     | 1.5   | 3.6. €   | 17.                     |
|       | . )-(.   | 100   | ξ <b>Ω</b> Γ • ε ε | 100.0     | 1.00 • (    | 100.0        | 100.         | . 4, 7      | 4.           | . 1   |          | 3.7.                    |
|       | 1 ()     | 100.0 | 100.8              | 100.6     | too.        | 160.0        | 100.00       | 4.          | •            | . , ( | 1        | 17                      |
|       | - 1!     | 100.0 | 100.0              | 100.0     | 100 • C     | 100.0        | 99.1         | ŕ+1         | •            | ٠,,   | 17.5     | 17.                     |
|       | 1        | 100.1 | 100.0              | 100.0     | 100.0       | 100.0        | 27.9         | 40.7        | ٠,,          | 1.1   | P        | 176                     |
|       | ! . 1    | 11.   | 100.               | 100.0     | 100.0       | 100.0        | 39.0         | 55.9        | • 4          | 1.0   | 10.0     | 170                     |
|       |          | 11.14 | 3.3(1.1            | 100.0     | 100.0       | 100.0        | 100.0        | 74,4        | 27.4         | 1.9   | 17.      | 17,                     |
|       | 1        | tag.  | 1 1/2 - 1          | 100.0     | 100.0       | 160.0        | 100.0        | 30.7        | 31.1         | 2,2   | 79.      | 176                     |
|       |          |       |                    | -         |             |              |              |             |              |       |          |                         |
|       |          |       |                    |           |             |              |              |             |              |       |          |                         |
| 10    | TALS     | 100.0 | 100.0              | 100.0     | 100.0       | 100.0        | 99.          | 0.1         | <b>23•</b> 0 | 2.4   | 76.2     | 1411                    |

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS    |              | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |        |        |        |          |       |      |              |          |                |  |  |
|-------|----------|--------------|--|--------|--------|--------|----------|-------|------|--------------|----------|----------------|--|--|
|       | (L.S.T.) | 10%          | 20%  | 30%    | 40%    | 50%    | 60%      | 70%   | 80%  | 90%          | HUMIDITY | NO. OF<br>OBS. |  |  |
|       | 1143 - C | 100.1        | 1.00.7   | 100.0  | 1600   | 100.0  | 100.     | , 4   |      | 1.0          | 10.0     | 100            |  |  |
|       | , ) e-{, | 190.0        | 1 (10)   | 100.0  | 1400-1 | 110.0  | 100.     | :     | •    | - <b>, !</b> | / ` . '  | 1 2            |  |  |
|       | -0       | 100.0        | 100.0  | 100.0  | 100.0  | ked "o | 59.      | 1     | ٤٠,  |              | 11.      | 1              |  |  |
|       | -1       | 10000        | ture,  | 1/10.0 | 100.0  | 100.0  | 19.      | 4 .   | •    | 1 - 3        | 11.      | 11             |  |  |
|       | ·1       | 1,710        | 196.   | 100.0  | 100.0  | 0.001  | 11.      | 10.00 | •    | • 9          | 3. 1     | 11.            |  |  |
|       | 1 .1     | 17.          | 1'3(' · 1  | 100.0  | 100.0  | 100.0  | 99.7     | -6+0  | • ;  | • 1)         | 100      | 1.7            |  |  |
|       | ٠        | f j .        | 1,000,0  | 100.0  | 100.0  | 160.0  | 99,9     | 92.7  | 19.9 | 1.7          | 71.      | 17.            |  |  |
|       | 1 -      | \$1100       | 1.00.  | 100.0  | 100 .0 | 100.0  | 100.     | 7,7   | 25.  | 1.7          | 78.4     | ι,             |  |  |
|       |          |              |  |        |        | -      | <u> </u> |       |      |              |          | _              |  |  |
|       |          | <del> </del> |  |        |        |        |          |       | -    |              |          |                |  |  |
|       |          |              |  |        |        |        |          |       |      |              |          |                |  |  |
| то    | TALS     | 100.0        | 100.0  | 100.0  | 100.0  | 100.0  | 99.      | 78.3  | 17.2 | 1.5          | 15.6     | 1363           |  |  |

USAF ETAC | PORM | 0-87-5 (OL 1)

|         | 11 11 11 11 15 | 4-23   |       |
|---------|----------------|--------|-------|
| STATION | STATION NAME   | PERIOD | нтиом |

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

|       | HOURS    |              | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |  |              |        |              |                |      |              |          |                |  |  |
|-------|----------|--------------|--|--|--------------|--------|--------------|----------------|------|--------------|----------|----------------|--|--|
| MONTH | (L.S.T.) | 10%          | 20%  | 30%  | 40%          | 50%    | 60%          | 70%            | 80%  | 90%          | RELATIVE | NO. OF<br>OBS. |  |  |
| f     | prosect. | 160.         | 100.0  | <sub>k</sub> n( <sub>(+)</sub>                   | 160.         | 160.0  | 100.         | . • <          | 46.  | , (          | 100      | 17.            |  |  |
|       | ·= ()    | iru.         | 09.  | 100.0  | 1950.        | 10.0.0 | 100.         | 7.1            |      | • * *        | 1.5      | 17             |  |  |
|       | :()      | . Cto . u    | 100.0  | 100.0  | 160.0        | 100,0  | , O .        | 16.1           |      | 2 <b>,</b> 4 | 1 - • n  | 1/1.7          |  |  |
|       | ] :      | lne.c        | tab.o  | 100.0  | 100.         | 99.0   | 99.1         | - 3 <b>,</b> 3 | 11,  | 1.1          | 1:.      | 1, 7:          |  |  |
|       | - 1      | 110.         | 100.5  | 100.0  | 100.0        | 99.0   | 77.1         | :9.7           | • 1  | 1.0          | 11.1     | 1.7,00         |  |  |
|       | : 1      | 1 114.       | + Gry • · ·  | 100.0  | 100          | 100.0  | 99.          | 7,1            | 1 :  | . 4,         | 11.1     | 17             |  |  |
|       | -        | i di 🔭       | 3000   | 100.0  | 100 •        | 100.5  | 99,          | 92.1           | 20.7 | 2.5          | 1.       | 17             |  |  |
|       |          |              | 1,0,   | 140.0  | 1,40 •       | 100.0  | 100.0        | 76.7           | 37.6 | .9           | 79.1     | 3.70           |  |  |
|       |          |              |  |  | -            |        |              |                |      |              |          |                |  |  |
|       |          | <del> </del> | -  | <del>                                     </del> | <del> </del> |        | <del> </del> |                |      |              |          |                |  |  |
|       | ļ        |              | <u> </u>   | <del> </del>                                     |              | †      |              |                |      |              |          |                |  |  |
| fo    | TALS     | 100.0        | 100.0  | 100.0  | 100.0        | 100.0  | 19.4         | 7.1            | 27.3 | 2,3          | 71.1     | 1411           |  |  |

USAF ETAC FORM 0-87-5 (OL 1)

|         | 2 2 1 1 1 to     | * • I  |       |
|---------|------------------|--------|-------|
| STATION | <br>STATION NAME | PERIOD | MONTH |

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH    | HOURS<br>(L.S.T.) |        | MEAN     | TOTAL  |            |           |          |        |          |          |          |                |
|----------|-------------------|--------|----------|--------|------------|-----------|----------|--------|----------|----------|----------|----------------|
|          |                   | 10%    | 20%      | 30%    | 40%        | 50%       | 60%      | 70%    | 80%      | 90%      | RELATIVE | NO. OF<br>OBS. |
|          |                   | Ln.11. | 1000     | 100.   | 100        | Exife • × | 10.      | 4 • 4  | •        |          |          |                |
|          | * 1 -             | 150.   | 1,1      | 100.0  | ) (-( •    | € 0 € 1   |          | 3 9 11 |          | /        | ,        | ٠.             |
|          | (                 | irı.,  | 100+1    | 100.5  | 100.       | ٠,٠       | (·n,     |        | •        |          |          |                |
|          | :                 | i da   | 145,54.3 | 100.0  | 1 (althor) | 49,1      | 90.      | .,,    | 1        |          | , .      |                |
|          |                   | i      | 1.70.    | 100.0  | 100.0      | 99.       | ) (s. p. | 7,4    | •        | . /      | 1 ,      | 1 .            |
|          |                   |        | 1,116    | 100.0  | 100 • 0    | 160.0     | 771      | Pert   | 1 , 7    |          | 11.5     | } 4            |
|          | -                 |        |          | 100.43 | 100.0      | 100.0     | 99,      | 11.1   | 11.4     |          |          | i              |
| <b>-</b> |                   |        |          | 100.   | 100.00     | 100+1     | 19.      | 03.3   | 372 6 79 | 3.5      | 11.      | 3 - •          |
|          |                   |        |          |        |            |           |          |        |          |          |          |                |
|          |                   | ļ      |          |        |            | ļ         |          | ļ      |          | <u>.</u> |          |                |
|          |                   |        |          |        |            |           | <u> </u> |        | <u>.</u> |          |          |                |
| ~        |                   | ļ      | -        |        | ļ          |           |          |        |          |          |          |                |
| τοτ      | ALS               | A      | 1.00     | 10000  | Trut • "   | 100.      | 96.      | 2.1    | 1        | . 1      | 1        | 131:           |

USAF ETAC 0-87-5 (OL 1)

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STATION STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD

| MONTH | HOURS      |       | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN |          |          |          |      |                 |         |            |                      |                |  |  |
|-------|------------|-------|--|----------|----------|----------|------|-----------------|---------|------------|----------------------|----------------|--|--|
|       | (L.S.T.)   | 10%   | 20%  | 30%      | 40%      | 50%      | 60%  | 70%             | 80%     | 90%        | RELATIVE<br>HUMIDITY | NO. OF<br>OBS. |  |  |
|       |            | 10.   | -1.5   | 1 3, 1   | 1 x. + e | i., ,    |      |                 | ٠.      | •          | 111                  | ,              |  |  |
|       | 1 -1       | : 13. |  | 1 10 • 0 |          | . ****   |      | , .             | •       | •          | •                    |                |  |  |
|       | ,          | 11.   | 20,00  | 1 (0 * 0 | 101.     | 1 0.     | 7.0  |                 | •       |            | , 1                  |                |  |  |
|       | <b>)</b> / | 1000  | 1000   | 130.0    | 1000     | 49.      | : '• | (               | •       |            |                      |                |  |  |
|       | !          |       | 1011   | 100.00   | 1904     | 1. J.    | 111. |                 | •       |            | 1.                   | ,,             |  |  |
|       |            |       | 3  | 1.40.    | 1000     |          | 13.  | - 14 <b>.</b> 4 | 1 .     | + <b>0</b> | <u> </u>             | 1              |  |  |
|       |            |       | : .  | to de    | 166.     | Ec 0 . 1 | 17.  | 15.4            | ه و د و | 3,4        | 11,                  | 1.5            |  |  |
|       | 1 -        |       |  | 1        | (0/14)   | 100.     |      | 9.4             | 41.1    | 4.1        | 77.1                 | ì              |  |  |
|       |            |       |  |          |          |          |      |                 |         |            |                      |                |  |  |
|       |            |       |  |          |          |          |      |                 |         |            |                      |                |  |  |
|       |            |       |  |          |          |          |      |                 |         |            |                      |                |  |  |
|       |            |       |  |          |          |          |      |                 |         |            |                      |                |  |  |
| 101   | ALS        | 1.    | 1.0  | 100.0    | 10.00    | 59.      | 96.5 | 19.4            | 11.7    | 3.3        | 10.                  | 13             |  |  |

USAF ETAC PORM 0-87-5 (OL 1)

DATA PROCESSING DIVISION ETAC/USAF AIR WEATHER SERVICE (MAC) ASHEVILLE, NORTH CAROLINA

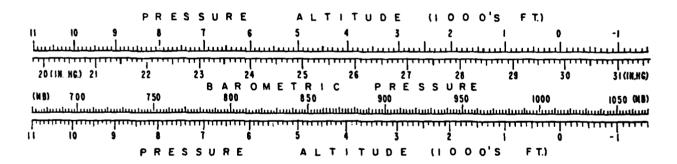
#### PART F

#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

- 1. Station pressure in inches of mercury.
- 2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PRUCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

#### MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY DESERVATIONS

21603 JOHNSTON ISLAND/PACIFIC IS

48-58,61-64,71

STATION NAME MAY JUN. HR5 LST MAR APR. AUG SEP 29.930 29.90929.93029.94929.96029.95629.94829.94229.92329.90929.91829.91229.907 .086 .067 .057 .053 .045 .037 .036 .039 .042 .060 .068 .371 .347 .381 .359 .372 .360 .403 .400 .390 .391 .383 .393 5 D .057 TOTAL OBS 455C MEAN 29.88429.90529.91929.92929.92729.92229.91629.89429.87929.88929.88429.880 29.902 .085 .066 .059 .055 .048 .038 .037 .038 .040 .044 .059 .068 371 347 381 359 372 360 404 401 390 391 383 393 S D TOTAL OBS 4552 MEAN 29.89729.91729,93529.94729,94529.93829,93029.90029.89429.90529,89929.893 5 D .086 .067 .060 .061 .051 .037 .037 .039 .042 .042 .060 .067 .059 381 359 372 360 403 401 390 391 383 393 TOTAL OBS 4552 MEAN 29.93329.95029.96829.97829.96929.95729.95029.93129.92229.93729.93029.928 .089 .070 .060 .059 .049 .037 .037 .040 .041 .042 .061 .068 372 347 381 359 372 360 402 400 390 391 383 393 5 D .059 TOTAL OBS 4550 29.917 29.89529.91729.93829.95129.94929.94029.93529.91429.89429.89729.88829.887 .086 .070 .058 .053 .046 .037 .037 .037 .041 .042 .060 .070 372 347 381 359 373 360 402 402 390 390 384 393 5 D .060 4553 24.85829.87929.90029.91429.92029.91329.90729.88229.86029.86629.85729.853 29.884 .060 359 372 360 402 390 TOTAL OBS 372 348 381 402 390 384 4553 29.56529.89929.91829.93129.93229.92029.91029.89029.88029.89529.68329.880 29.901 .084 .063 .089 .058 .049 .039 .040 .043 .043 .059 .065 .058 18 5 D 372 390 TOTAL OBS 359 361 371 348 380 402 402 390 384 4553 29.91529.93129.95429.96829.96529.95229.94129.92429.91929.93029.91929.913 29,936 .086 .066 .056 .057 .046 .037 .038 .040 .040 .042 .059 .065 372 348 380 359 372 360 401 402 390 390 384 394 .057 S D 21 TOTAL OBS 4552 29,916 29.89729.91629.93529.94729.94529.93629.92929.90829.89529.90529.89629.892 .088 .070 .062 .059 .051 .041 .040 .042 .046 .048 .063 .070 2973 2779 3046 2872 2977 2881 3219 3210 3120 3124 3068 3146 .061 S D TOTAL OBS 36415

USAFETAC FORM 0.89.5 (OLI)

TATA PROCESSING BRANCH SAF ETAC AIR WEATHER SERVICE/MAC

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#### MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

21607 CHANTEN ISLAND/PACIFIC IS 45-58,61-64,71

| 17 <b>.</b> 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | •          |        | 5***   | ON NAME |        |        |        |        | -      | YEARS   |        |        | -      |        |
|--|------------|--------|--------|---------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|
| ستود ز د ۰   |            | JAN    | FEB    | MAR     | APR    | MAY    | אטנ    | JUL    | AUG    | SEP     | OCT    | NOV    | DEC    | ANNUAL |
|  | MEAN       | 1:14.5 | 1014.1 | 1014.91 | 1015.1 | 1015.1 | 1014.8 | 1014.5 | 1013.8 | 1013,31 | 1013,5 | 1013.4 | 1013,2 | 1014.1 |
| 00   | 8 5        |        | 2,264  | 1.922   | 1.792  | 1,458  |        |        |        |         |        |        |        | 1.910  |
|  | ."O"AL OBS | 493.   | 432    | 474.    | 479    | 496    | 470.   | 493    | 493    | 480     | 484    | 473.   | 486.   | 5723   |
|  | MEAN       | 1012.6 | 1013,1 | 1013,81 | 1013.9 | 1013.9 | 1013.8 | 1013,5 | 1012.8 | 1012.3  | 1012.5 | 1012.4 | 1012.3 | 1013.1 |
| 0.3  | 5 D        | 2.775  | 2,234  | 1.957   | 1.872  | 1.535  | 1.248  | 1.241  | 1.220  | 1.271   | 1,543  | 1.964  | 2,258  | 1.923  |
|  | TOTAL OBS  | 464    | 432    | 474     | 479    | 496    | 470    | 497    | 494    | 478     | 483    | 473    | 486    | 5726   |
|  | MEAN       | 1013.0 | 1013.5 | 1014.21 | 014.4  | 1014.4 | 1014.2 | 1013,9 | 1013.1 | 1012.7  | 1012.9 | 1012.8 | 1012.6 | 1013.5 |
| De   | S D        |        |        | 1,995   |        |        |        |        |        |         |        |        |        | 1.978  |
|  | TOTAL OBS  | 465    | 432    | 474     | 475    | 495    | 469    | 496    | 493    | 479     | 484    | 473    | 485    | 5723   |
|  | MEAN       | 1014,3 | 1014.7 | 1015,51 | 015.6  | 1015.4 | 1015.0 | 1014.7 | 1014.1 | 1013.81 | 1014.1 | 1013.9 | 1013.9 | 1014.6 |
| 09   | 5 D        | 2.875  | 2,356  | 2.005   | 1.933  | 1.551  | 1.247  | 1.230  | 1.249  | 1.293   | 1.480  | 1.988  | 2,245  | 1.952  |
| -  | _101AL 085 | 465    | 432    | 474     | 479    | 495    | 470    | 495    | 493    | 480     | 484    | 473    | 486    | 5726   |
|  | . MEAN     | 1013.1 | 1013.8 | 1014.5  | 1014.8 | 1014.8 | 1014.5 | 1014.2 | 1013.5 | 1012.9  | 1012.9 | 1012.6 | 1012.7 | 1013.7 |
| 12   | 5 D        |        |        | 1.956   |        |        |        |        |        |         |        |        |        | 1.979  |
|  | TO'AL OBS  |        |        | 474     |        | 497    |        |        |        |         | 483    |        |        | 5725   |
|  |            | 1011.7 | 1012.3 | 1013.1  | 1013.4 | 1013.7 | 1013.5 | 1013.2 | 1012.4 | 1011.7  | 1011.7 | 1011.4 | 1011.5 | 1012.5 |
| 15   | 5 D        |        |        | 2.005   |        |        |        |        |        |         |        |        |        | 1,991  |
| •-   | "C"AL 085  |        |        | 474     |        |        |        |        |        |         |        |        |        | 5730   |
|  | . MEAN     | 1012.6 | 1013.0 | 1013.7  | 013.9  | 1014-0 | 1013.6 | 1013.2 | 1012.6 | 1012.3  | 1012.6 | 1012.3 | 1012.3 | 1013.0 |
| 18   | 5 D        |        |        | 1.962   |        |        |        |        |        |         |        |        |        | 1.917  |
| •  | 101AL 085  |        |        |         | 479    |        |        |        |        |         |        |        | 487    | 5727   |
|  | WEAN       | 1013.7 | 1014-1 | 1015.0  | 1015.2 | 1015.2 | 1014.8 | 1014.4 | 1013.6 | 1013.6  | 1011.9 | 1013.6 | 1013.4 | 1014.2 |
| 21   | 5 D        | 2.833  | 7.222  | 1.379   | 1.895  | 1.493  | 1.255  | 1.246  | 1.256  | 1.258   | 1.512  | 1.908  | 2.153  | 1.904  |
| ~ 1  | TOTAL OBS  |        |        | 473     |        |        |        |        |        |         |        |        |        | 5728   |
|  |            | 1013.1 | 1013.6 | 1014.3  | 014.5  | 1014.6 | 1014.3 | 1013.9 | 1013.3 | 1012.8  | 1013.0 | 1012.8 | 1012.7 | 1013.6 |
| ALL  | 5 D        | 2.890  | 2.36W  | 7.091   | 2.002  | 1.647  | 1.366  | 1.349  | 1.365  | 1.462   | 1.686  | 2.093  | 2.350  | 2.055  |
| HOUPS  | TOTAL OBS  |        |        | 3789    |        |        |        |        |        |         |        |        |        | 45808  |
|  |            |        | 3937   |         | 7040   | 2700   |        |        | 377    |         | ayy!   |        | 7,00   | 77700  |

USAFETAC FORM 0 89 5 (OL1)

# END

# DATE FILMED 8 - 8

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